

60Hz

소방전용 펌프 종합 카탈로그

소방전용 입형다단 원심펌프 XRF Series

소방 패키지 시스템 FS(T) Series

입형다단 엔진펌프 XRFE Series

소방 엔진 패키지 시스템 FSTE Series

화재안전기준
최적화 제품
(NFPC & NFTC)

주요 구성품
비철금속 적용
(스테인리스 스틸)

OSC
기반시스템
(Off-Site-Construction)



아직도 **주철펌프**를 사용하고 계십니까?

우리는 하루가 멀다 하고 수많은 화재 사고를 뉴스를 통해 접하고 있습니다.

이런 화재사고들로 인해 우리의 가족, 이웃들이 생명에 위협을 받고,

사고 후 이어지는 물질적 고통에 허덕이고 있습니다.

소방펌프는 이런 수많은 화재 사건으로부터 우리의 재산과 가족의 안전을 지키는 최후의 보루입니다.

현재까지 사용되어 온 **주철 재질로 제작된 소방펌프는 부식과 고착**으로부터 자유로울 수 없으며,
위급 상황 발생시 제성능을 발휘할 수 없습니다.

이에, 두크 펌프는 국산 토종 브랜드의 자존심을 걸고 우리 가족의 안전, 재산을 보호하기 위하여
부식과 고착이 발생하지 않는 스테인리스 재질의 소방전용 입형다단 펌프를 출시합니다.

합리적 가격과 안전성을 갖춘 제품으로 두크는 위기에 닥친 우리 이웃의 안전을 지키는 일에 앞장서겠습니다.



소방 패키지 시스템

CONTENTS

목 차



소방펌프의 선정기준	4
소방전용 입형다단 원심펌프	5
소방 선정표	8
XRF 10 SERIES	12
XRF 15 SERIES	14
XRF 20 SERIES	16
XRF 32 SERIES	18
XRF 45 SERIES	20
XRF 64 SERIES	22
XRF 95 SERIES	24
XRF 125 SERIES	26
XRF 155 SERIES	28
XRF 185 SERIES	30
XRF 215 SERIES	32
XRF 255 SERIES	34
입형다단 원심펌프 - 충압펌프	36
소방 충압 펌프 선정표	36
XRF 5 SERIES	38
OSC 공법기반 소방 패키지 시스템	40
OSC 공법	42
인양 구조물을 적용한 반입 시스템	44
소방 선정표	46
외형도	53
입형다단 엔진펌프	66
소방 선정표	69
외형도	72
OSC 공법기반 소방 엔진 패키지 시스템	78
소방 선정표	80
외형도	87



두크 본사 전경



상해 중한 두크 전경



후쩌우 중한 두크 2공장 전경

소방펌프의 선정기준

▶ 소방법 규정

소방펌프의 성능은 물의 과도한 압력 상승으로 인해 배관에 무리를 주지 않도록 소방펌프의 **체절 압력이 정격 토출압력의 140%**를 초과하지 아니하고, 여러개의 소화전을 동시다발적으로 사용하여 방수량이 증가한다 해도 수압이 감소하여 화재 진압을 실패하면 안 되므로 **정격 토출량의 150%로 운전 시의 압력이 정격 토출압력의 65% 이상**이 되어야 한다고 규정되어 있습니다 .

▶ 화재안전기준(NFPC & NFTC)에 따른 펌프 재질사용

화재안전성능기준(NFPC), 소방청고시 제 2024-19호

- 가압송수장치는 부식 등으로 인한 펌프의 고착을 방지할 수 있도록 부식에 강한재질을 사용할 것

화재안전기술기준(NFTC), 국립소방연구원공고 제2024-41호

- 가압송수장치는 부식 등으로 인한 펌프의 고착을 방지할 수 있도록 다음의 기준에 적합한 것으로 할 것. 다만, 충압펌프는 제외한다.

1. 임펠러는 청동 또는 스테인리스 등 부식에 강한 재질을 사용할 것
2. 펌프축은 스테인리스 등 부식에 강한 재질을 사용할 것

▶ 화재안전기준(NFPC & NFTC) 규제의 필요성(규제영향분석서)

1)추진 배경 및 정부개입 필요성

스프링클러설비의 가압송수장치인 소방펌프의 부식으로 인한 고착을 방지하기 위해 펌프의 재질 기준 신설이 필요

2)규제 목표

건축물에 설치된 스프링클러설비의 가압송수장치인 소방펌프 부식을 방지할 수 있는 재질 기준을 정하여 화재 발생 시 신속한 진압으로 다수의 인명피해 예방 및 연소확대 방지

3)규제 내용

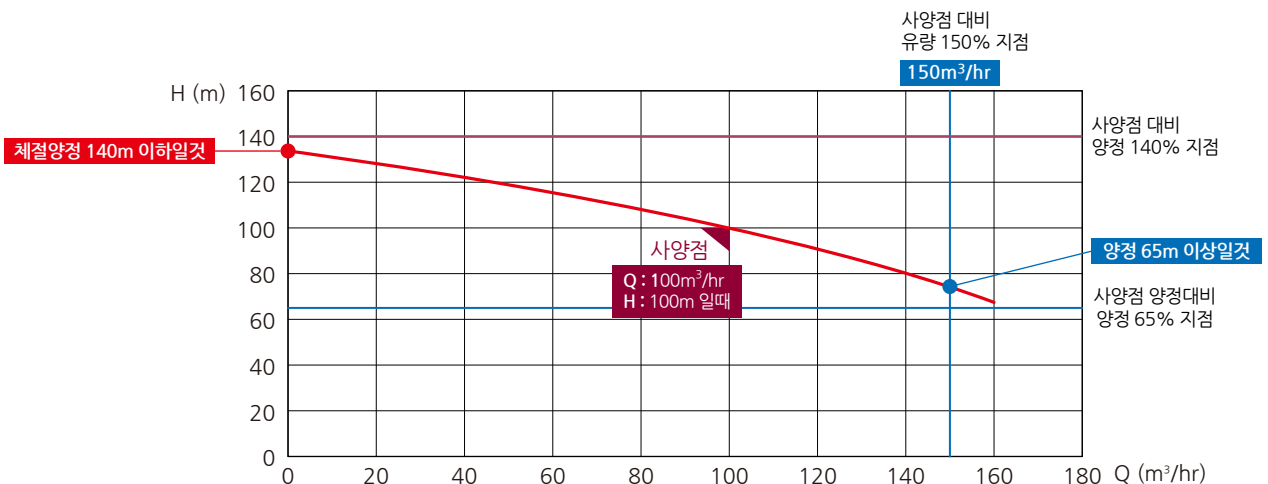
가압송수장치의 주펌프는 부식 등으로 인한 펌프의 고착을 방지할 수 있도록 임펠러는 청동 또는 스테인리스 등으로, 펌프 축은 스테인리스 등 부식에 강한 재질을 사용하도록 해당 규정 신설

***화재예방, 소방시설 설치·유지 및 안전관리에 관한 법률 <대통령령 제 30704호, 시행일 : 2020. 6. 9.>**

제53조 (과태료) ① 다음 각 호의 어느 하나에 해당하는 자에게는 300만원 이하의 과태료를 부과한다. <신설 2016. 1. 27., 2020. 6. 9.>

1. 제9조제1항 전단의 화재안전기준을 위반하여 소방시설을 설치 또는 유지·관리한 자

▶ 소방펌프 선정기준



Key Point

1. 사양점의 유량과 양정을 만족할 것.
2. 체절양정은 사양점 양정의 140% 이하일 것.
3. 사양점 유량 150% 지점에서의 양정은 사양점 양정대비 65% 이상일 것.

▶ XRF Series - 소방전용 입형다단 원심펌프

XRF 시리즈는 비자흡식 입형 다단 원심펌프입니다.
소방펌프 선정 시 고양정, 소~대유량 구간에 전반적 사용이 가능하며,
효율이 높아 주물펌프 대비 동력이 감소됩니다.



· 설치 면적이 작아 기존 방식의 소방펌프 보다 **탁월한 공간절약**이 (기존 소방 펌프 대비 약 80% 공간 절약) 가능합니다.



· 실린더, 축, 임펠러, 디퓨저를 비롯한 주요 구성품에 **스테인리스 재질**이 적용되어 **고착과 부식**에 의한 위험이 없습니다.



· 흡·토출구의 구경이 같고 일직선상에 위치하는 인라인 구조로 **배관 설치 작업**이 간편합니다.



· 유지 보수가 간편한 **카트리지 타입**의 메카니컬 씰이 **표준 사양**으로 장착되어 **소음, 진동이 적고 우수한 내구성**을 유지합니다.



· 내진 베이스(OPTION) 장착으로 별도의 **방진가대**가 필요하지 않습니다.

▶ 부식 및 고착에 강한 스테인리스 스틸 부속품

XRF 시리즈는 임펠러, 디퓨저, 축, 실린더 등 대부분의 부속품이 **부식 및 고착에 강한 스테인리스 스틸**로 제작되어 **화재안전기준관련 신규 개정 고시안**에 가장 적합한 제품입니다.
또한 전제품 유지 보수가 간편한 카트리지 타입의 메카니컬 씰 장착으로 소음, 진동이 적으며 우수한 내구성을 유지합니다.



스테인리스 재질의 임펠러
(레이저 용접 적용)



스테인리스 재질의 디퓨저
(레이저 용접 적용)



스테인리스 재질의 실린더



전제품 카트리지 타입의 메카니컬 씰 적용



스테인리스 재질의 축

소방전용 입형다단 원심펌프

XRF SERIES

▶ 제품특성

XRF 시리즈는 비자흡식 입형 다단 원심펌프입니다.
펌프의 흡입과 토출 구경이 같고 일직선상에 위치하는 인라인 구조로 설계되어 배관 설치 작업이 용이합니다.
펌프의 샤프트와 IEC 표준품의 모터 샤프트는 분할형 커플링으로 견고히 연결되어 있고 유지 보수가 간편한 카트리지형 메카니컬 씰이 모든 펌프에 장착되어 있습니다.

▶ 표시형식

XRF 64 - 3 - 1 A

① ② ③ ④

- ① 펌프 타입 : 소방전용 입형다단 원심펌프
- ② 공칭유량(m³/h)
- ③ 총 임펠러 단수
- ④ 소방조건 적용 임펠러(A~D)

▶ 모터사양

- IEC-표준 농형 삼상 전동기
- 모터형식 : TEFC
- 보호등급 : IP54~55
- 전원사양 : 7.5kW 이하 - 삼상 220/380V
11kW 이상 - 삼상 380V
(표준전압 변경은 옵션사항)

▶ 사용 유체

취급 액체에는 음용수, 냉난방수, 응축수 등 고형 입자나 섬유질 성분이 없고, 폭발의 위험성이 없으며, 점도가 높지 않고 펌프 재질에 화학적으로 손상을 주지 않는 액체여야 합니다.
취급 액체가 부식성이 강한 경우, 스테인리스 스틸에서는 부식을 방지하는 산화 피막이 파괴될 가능성이 있으므로 주의해야 합니다.

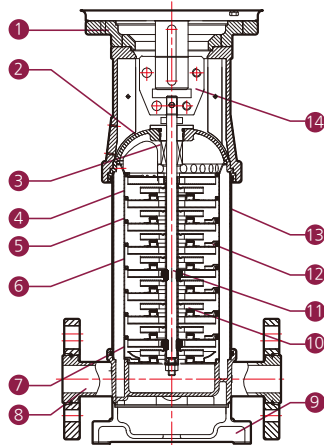


▶ 적용분야

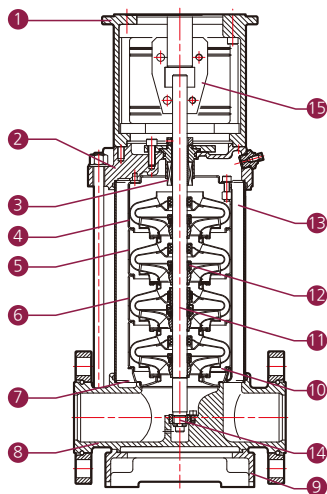
- 소방 시스템
- 스프링클러
- 급수 및 가압설비
- 세척시스템
- 수처리 시스템
- 산업용 순환 펌프
- 보일러 급수 시스템
- 냉방 및 공조 시스템
- 제조공정 설비

▶ 제품 구조

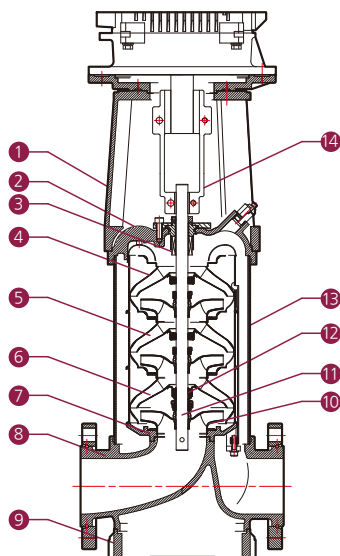
XRF 5, 10, 15, 20



XRF 32, 45, 64



XRF 95, 125, 155, 185, 215, 255



▶ 부품 재질

NO.	부품명	재질		
		KS	EN	ASTM
1	모터 브라켓	GCD450-10	EN-GJS-450-10	A536-65-45-12
2	펌프헤드	GCD450-10	EN-GJS-450-10	A536-65-45-12
3	메카니컬 씬	SiC / Carbon / Viton		
4	토출 디퓨저	STS304	EN10088-1.4301	A240-304
5	디퓨저	STS304	EN10088-1.4301	A240-304
6	메탈 디퓨저	STS304	EN10088-1.4301	A240-304
7	흡입디퓨저	STS304	EN10088-1.4301	A240-304
8	펌프케이싱	GC250	EN-GJL-250	A48-CL35
9	베이스 플레이트	GC250	EN-GJL-250	A48-CL35
10	임펠러	STS304	EN10088-1.4301	A240-304
11	샤프트	STS304	EN10088-1.4301	A276-304
12	임펠러 슬리브	STS304	EN10088-1.4301	A240-304
13	실린더	STS304	EN10088-1.4301	A240-304
14	커플링	GCD450-10	EN-GJS-450-10	A536-65-45-12
고무 부품		EPDM		

* 중간플랜지 재질: GC250

NO.	부품명	재질		
		KS	EN	ASTM
1	모터 브라켓	GCD450-10	EN-GJS-450-10	A536-65-45-12
2	펌프헤드	GCD450-10	EN-GJS-450-10	A536-65-45-12
3	메카니컬 씬	SiC / Carbon / Viton		
4	토출 디퓨저	STS304	EN10088-1.4301	A240-304
5	디퓨저	STS304	EN10088-1.4301	A240-304
6	메탈 디퓨저	STS304	EN10088-1.4301	A240-304
7	흡입 디퓨저	STS304	EN10088-1.4301	A240-304
8	펌프케이싱	GC250	EN-GJL-250	A48-CL35
9	베이스 플레이트	GC250	EN-GJL-250	A48-CL35
10	임펠러	STS304	EN10088-1.4301	A240-304
11	샤프트	STS304 STS329J3L (Duplex 2205)	EN10088 1-4301 EN10088 1-4462	A276-304 A276-S32205
12	중간베어링	Tungsten Carbide		
13	실린더	STS304	EN10088-1.4301	A240-304
14	하부베어링	Tungsten Carbide		
15	커플링	GCD450-10	EN-GJS-450-10	A536-65-45-12
고무 부품		EPDM		

* 샤프트 재질 : 22kW이하 STS304, 30kW 이상 STS329J3L(Duplex2205) 적용

* 중간플랜지 재질 : GC250

NO.	부품명	재질		
		KS	EN	ASTM
1	모터 브라켓	GCD500-7	EN-GJS-500-7	A536-80-55-06
2	펌프 헤드	GCD500-7	EN-GJS-500-7	A536-80-55-06
3	메카니컬 씬	SiC / Carbon / Viton		
4	토출 디퓨저	STS304	EN10088-1.4301	A240-304
5	디퓨저	STS304	EN10088-1.4301	A240-304
6	메탈 디퓨저	STS304	EN10088-1.4301	A240-304
7	흡입 디퓨저	STS304	EN10088-1.4301	A240-304
8	펌프 케이싱	GCD500-7	EN-GJS-500-7	A536-80-55-06
9	베이스 플레이트	GCD500-7	EN-GJS-500-7	A536-80-55-06
10	임펠러	STS304	EN10088-1.4301	A240-304
11	샤프트	STS304 STS329J3L (Duplex 2205)	EN10088 1-4301 EN10088 1-4462	A276-304 A276-S32205
12	중간베어링	Tungsten Carbide		
13	실린더	STS304	EN10088-1.4301	A240-304
14	커플링	GCD450	EN-GJS-450	A536-65-45
고무 부품		EPDM		

* 샤프트 재질 : 22kW이하 STS304, 30kW 이상 STS329J3L(Duplex2205) 적용

단, 125번 시리즈부터는 샤프트 재질, 모두 STS329J3L(Duplex2205) 적용

* 중간플랜지 재질 : GC250/GCD500

입형다단 원심펌프 - 소방 선정표

XRF SERIES

H (m)	140% 65%	XRF10 (7.8~10.2m³/hr)			XRF15 (15.6~18m³/hr)		XRF20 (18~22.8m³/hr)		XRF32 (21~31.2m³/hr)			XRF45
215	301 139.8	10-17 11	10-17 11	10-17 11	15-12 18.5	15-12 18.5	32-9 30	32-9 30	32-9 30	32-9 30	32-9 30	
210	294 136.5											
205	287 133.3						32-8 22	32-8 22	32-8 22	32-8 22		
200	280 130											32-8 22
195	273 126.8	10-14 11										
190	266 123.5		10-14 11				20-10 18.5					
185	259 120.3				15-10 15		20-10 18.5					
180	252 117			10-14 11		15-10 15			32-7 18.5	32-7 18.5		
175	245 113.8											32-7 18.5
170	238 110.5	10-12 7.5	10-12 7.5				20-9 15		32-7-2 18.5	32-7-2 18.5		
165	231 107.3							20-9 15				32-7-2 18.5
160	224 104				15-9 11							
155	217 100.8			10-12 7.5		15-9 11			32-6 18.5			
150	210 97.5						20-8 15			32-6 18.5		32-6 18.5
145	203 94.3							20-8 15	32-6-1 15	32-6-1 15		
140	196 91	10-10 5.5							32-6-2 15	32-6-2 15		32-6-1 15
135	189 87.8		10-10 5.5		15-8 11	15-8 11						32-6-2 15
130	182 84.5			10-10 5.5			20-7 15					
125	175 81.3	10-9 5.5	10-9 5.5					20-7 15	32-5 15	32-5 15		
120	168 78											32-5 15
115	161 74.8	10-8 5.5		10-9 5.5	15-7 11	15-7 11						
110	154 71.5		10-8 5.5				20-6 11		32-5-2 15	32-5-2 15		32-5-2 15
105	147 68.3			10-8 5.5	15-6 7.5			20-6 11				
100	140 65				15-6A 7.5	15-6 7.5			32-4 11	32-4 11		32-4 11
95	133 61.8	10-7 5.5				15-6A 7.5						
90	126 58.5		10-7 5.5		15-5 7.5		20-5 11	20-5 11	32-4-2 11	32-4-2 11		
85	119 55.3	10-6 3.7		10-7 5.5		15-5 7.5						32-4-2 11
80	112 52		10-6 3.7									
75	105 48.8			10-6 3.7			20-4 7.5	20-4 7.5	32-3-1 7.5	32-3 11		
70	98 45.5	10-5 3.7			15-4 5.5	20-4A 7.5				32-3-1 7.5		32-3 11
65	91 42.3		10-5 3.7	10-5 3.7		15-4 5.5	20-4A 7.5	20-4A 7.5	32-3-2 7.5	32-3-2 7.5		32-3-2 7.5
60	84 39				15-4A 5.5	15-4A 5.5	20-4B 7.5	20-4B 7.5	32-3-3 7.5	32-3-3 7.5		32-3-3 7.5
55	77 35.8	10-4 2.2					20-3 5.5	20-3 5.5				
50	70 32.5		10-4 2.2	10-4 2.2	15-3 3.7	15-3 3.7	20-3A 5.5		32-2 5.5	32-2 5.5		45-2-2A 7.5
45	63 29.3							20-3A 5.5				32-2 5.5
40	56 26	10-3 2.2	10-3 2.2	10-3 2.2	15-3A 3.7	15-3A 3.7	32-2-2 5.5	32-2-1 5.5	32-2-1 5.5	32-2-1 5.5		32-2-1 5.5
35	49 22.8	10-3A 1.5	10-3A 1.5		15-2 3.7	15-2 3.7	20-2 3.7	32-2-2A 3.7	32-2-2 5.5	32-2-2 5.5		45-1 5.5
30	42 19.5			10-3A 1.5			32-2-2A 3.7		32-2-2A 3.7	32-2-2A 3.7		
Q (m³/min)	100% 150%	0.13 0.195	0.15 0.225	0.17 0.255	0.26 0.39	0.3 0.45	0.35 0.525	0.38 0.57	0.39 0.585	0.4 0.6		0.45 0.675

※ 선정표 확인 방법

1) H는 양정(m)이며, Q는 유량(m³/min)입니다. 2) 양정의 상단은 정격양정의 140%, 하단은 65%입니다. 3) 표안의 내용 표기는

펌프 모델
동력(kW)

입니다.

입형다단 원심펌프 - 소방 선정표

XRF SERIES



XRF32	XRF45 (27~48m³/hr)				XRF64 (36~63.6m³/hr)				XRF95 (54~96m³/hr)		140%	H
									XRF125		65%	(m)
32-9 30	45-7 37	45-7 37	45-7 37	45-7 37	95-6 75	95-6 75	95-6 75	95-6 75	95-6 75	95-6 75	301 139.8	215
					95-5 75	95-5 75	95-5 75	95-5 75			294 136.5	210
	45-6 37				64-6-2 45	64-6-2 45			95-5 75		287 133.3	205
							64-6-2 45	64-6-2 45		95-5 75	280 130	200
		45-6 37							95-5-1 55		273 126.8	195
32-8 22	45-6-3 30		45-6 37	45-6 37							266 123.5	190
		45-6-3 30			64-5 45	64-5 45			95-5-2 55	95-5-1 55	259 120.3	185
			45-6-3 30				64-5 45			95-5-2 55	252 117	180
								64-5 45			245 113.8	175
32-8-2 22	45-5 30			45-6-3 30							238 110.5	170
32-7 22					64-5-2 37				95-4 55		231 107.3	165
	45-5-2 30	45-5 30				64-5-2 37	64-5-2 37			95-4 55	224 104	160
32-7-2 18.5		45-5-2 30	45-5 30	45-5 30				64-5-2 37	95-4-1 55		217 100.8	155
	45-5-3 30		45-5-2 30							95-4-1 55	210 97.5	150
		45-5-3 30			64-4 37				95-4-2 45		203 94.3	145
32-6 18.5			45-5-3 30	45-5-2 30		64-4 37	64-4 37			95-4-2 45	196 91	140
	45-4 22				64-4-1 30			64-4 37			189 87.8	135
32-6-2 15		45-4 22		45-5-3 30	64-4-1A 30	64-4-1 30	64-4-1 30				182 84.5	130
	45-4-3 18.5		45-4 22	64-4-2 30		64-4-1A 30	64-4-1A 30	64-4-1A 30	95-3 37		175 81.3	125
32-5 15		45-4-3 18.5		45-4 22	64-4-2 30	64-4-2 30	64-4-2 30			95-3 37	168 78	120
			45-4-3 18.5					64-4-2 30	95-3-1 37	95-3A 37	161 74.8	115
				45-4-2 22						95-3-1 37	154 71.5	110
32-5-2 15					64-3 30	64-3 30			95-3-2 30		147 68.3	105
	45-3 18.5	45-4-4A 18.5	45-4-4A 18.5	64-3-1 22			64-3 30	64-3 30		95-3-2 30	140 65	100
32-4 11	45-3-1 15	45-3 18.5	45-3 18.5		64-3-1 22	64-3-1 22	64-3-1 22	64-3-1 22			133 61.8	95
	45-3-2 15	45-3-1 15		45-3 18.5	64-3-2 22						126 58.5	90
32-4-1 11		45-3-2 15	45-3-1 15		64-3-3 18.5	64-3-2 22	64-3-2 22	64-3-2 22			119 55.3	85
32-4-2 11	45-3-3A 15	45-3-3A 15	45-3-2 15	45-3-2 15		64-3-3 18.5	64-3-3 18.5		95-2 30	95-2 30	112 52	80
			45-3-3A 15	45-3-3 15				64-3-3 18.5	95-2-1 22		105 48.8	75
32-3 11				45-3-3A 15						95-2-1 22	98 45.5	70
	45-2 11	64-2-1 15	64-2-1 15	64-2-1 15	64-2 18.5	64-2 18.5	64-2 18.5	64-2 18.5			91 42.3	65
32-3-2 7.5		45-2 11	45-2 11		64-2-1 15	64-2-1 15	64-2-1 15	64-2-1 15	95-2-2 18.5	95-2-2 18.5	84 39	60
32-3-3 7.5	45-2-2 11	45-2-2 11		45-2 11					95-2-2A 18.5		77 35.8	55
45-2-2A 7.5	45-2-2A 7.5		45-2-2 11	45-2-2 11	64-2-2A 11	64-2-2 15	64-2-2 15	64-2-2 15	95-2-2B 15	95-2-2A 18.5	70 32.5	50
45-2-2C 7.5	45-2-2C 7.5	45-2-2A 7.5	64-2-2B 11	64-2-2B 11	64-2-2B 11	64-2-2A 11			125-1 18.5	125-1 18.5	63 29.3	45
32-2-1 5.5		45-2-2B 7.5				64-2-2B 11	95-1 15	95-1 15	95-1 15	125-1A 15	56 26	40
45-1 5.5	64-1 7.5	64-1 7.5	64-1 7.5	64-1 7.5	64-1 11	95-1A 11	95-1A 11	95-1A 11	95-1A 11	95-1A 11	49 22.8	35
	45-1 5.5	45-1 5.5	45-1 5.5	45-1 5.5	64-1A 7.5	64-1A 7.5	64-1A 7.5				42 19.5	30
0.52	0.6	0.7	0.75	0.8	0.9	0.96	1	1.06	1.2	1.4	100%	Q
0.78	0.9	1.05	1.125	1.2	1.35	1.44	1.5	1.59	1.8	2.1	150%	(m³/min)

입형다단 원심펌프 - 소방 선정표

XRF SERIES

H (m)	140%	XRF95 (54~96m³/hr)			XRF125 (72~120m³/hr)				XRF155 (103.8~144m³/hr)		XRF185
	65%										
215	301 139.8	95-6 75	95-6 75	95-6 75	125-5 90	125-5 90	125-5 90	125-5 90	155-5-2 110	155-5-2 110	185-4-2 132
210	294 136.5										
205	287 133.3										185-4-4 132
200	280 130	95-5 75	95-5 75								
195	273 126.8			95-5 75	125-5-2 75	125-5-2 75					
190	266 123.5						125-5-2 75		155-4 90		185-4-4A 110
185	259 120.3							125-5-2 75	155-4-1 90		
180	252 117	95-5-2 55								155-4-1 90	185-3 110
175	245 113.8		95-5-2 55		125-4 75	125-4 75					
170	238 110.5			95-5-2 55			125-4 75				
165	231 107.3							125-4 75			
160	224 104	95-4 55							155-4-3 75		185-3-2 90
155	217 100.8		95-4 55	95-4 55							
150	210 97.5	95-4-1 55									185-3-3 90
145	203 94.3		95-4-1 55	95-4-1 55	125-4-2A 55	125-4-2A 55	125-4-2A 55			155-4-2 90	
140	196 91				125-4-3 55	125-4-3 55	125-4-3 55		155-3 75	155-3 75	
135	189 87.8	95-4-2 45	95-4-2 45		125-3 55	125-3 55	125-3 55	125-4-3 55			185-3-3A 75
130	182 84.5							125-3 55			
125	175 81.3			95-4-2 45							
120	168 78	95-3 37	95-3 37								185-2 75
115	161 74.8	95-3A 37		95-3 37	125-3-1 45	125-3-1 45	125-3-1 45		155-3-1 75	155-3-1 75	
110	154 71.5	95-3-1 37	95-3-1 37		125-3-2 45	125-3-2 45	125-3-2 45		155-3-3 55		185-2-1 75
105	147 68.3			95-3-1 37						155-3-2 75	
100	140 65	95-3-2 30			125-3-3 37			125-3-2 45		155-3-3 55	185-2-2 55
95	133 61.8		95-3-2 30			125-3-3 37	125-3-3 37		155-2 55	155-2 55	
90	126 58.5			95-3-1A 37					155-2A 45	155-2A 45	
85	119 55.3			125-2 37	125-2 37	125-2 37	125-2 37	125-2 37	155-2-1 45		185-2-2A 55
80	112 52	95-2 30	125-2-1 30							155-2-1 45	185-2-2C 45
75	105 48.8		95-2 30	95-2 30	125-2-1 30	125-2-1 30	125-2-1 30		155-2-2 37		185-2-2D 45
70	98 45.5							155-2-2 37		155-2-1A 45	
65	91 42.3	95-2-1 22	95-2-1 22	125-2-1A 30						155-2-2 37	215-1 55
60	84 39			125-2-2A 22	125-2-1A 30	125-2-1A 30	125-2-1A 30	155-2-2B 30	155-2-2A 37	185-1 37	185-1 37
55	77 35.8	95-2-1A 22	95-2-1A 22						185-1 37		
50	70 32.5	125-2-2B 22	125-2-2B 22	125-2-2B 22	125-2-2B 22	155-1 30	155-1 30	155-1 30	185-1-1 30	185-1-1 30	185-1-1 30
45	63 29.3	125-1 18.5	125-1 18.5	125-1 18.5	155-1A 22	155-1A 22	155-1A 22	155-1A 22	155-1A 22	155-1 30	
40	56 26	125-1A 15	125-1A 15	125-1A 15	125-1 18.5	125-1 18.5	125-1 18.5	155-1-1 18.5		155-1A 22	215-1-1B 30
35	49 22.8	95-1A 11	95-1 15	95-1 15	125-1A 15	125-1A 15	125-1A 15		155-1-1 18.5	185-1-1B 22	
30	42 19.5		95-1A 11	125-1-1A 11	155-1-1A 15	155-1-1A 15	155-1-1A 15	185-1-1C 18.5	215-1-1C 22	215-1-1C 22	215-1-1C 22
Q (m³/min)	100%	1.45	1.5	1.6	1.73	1.8	1.86	2.0	2.25	2.4	2.6
	150%	2.175	2.25	2.4	2.595	2.7	2.79	3.0	3.375	3.6	3.9

※ 선정표 확인 방법

1) H는 양정(m)이며, Q는 유량(m³/min)입니다. 2) 양정의 상단은 정격양정의 140%, 하단은 65%입니다. 3) 표안의 내용 표기는

펌프 모델
동력(kW)

입니다.

입형다단 원심펌프 - 소방 선정표

XRF SERIES



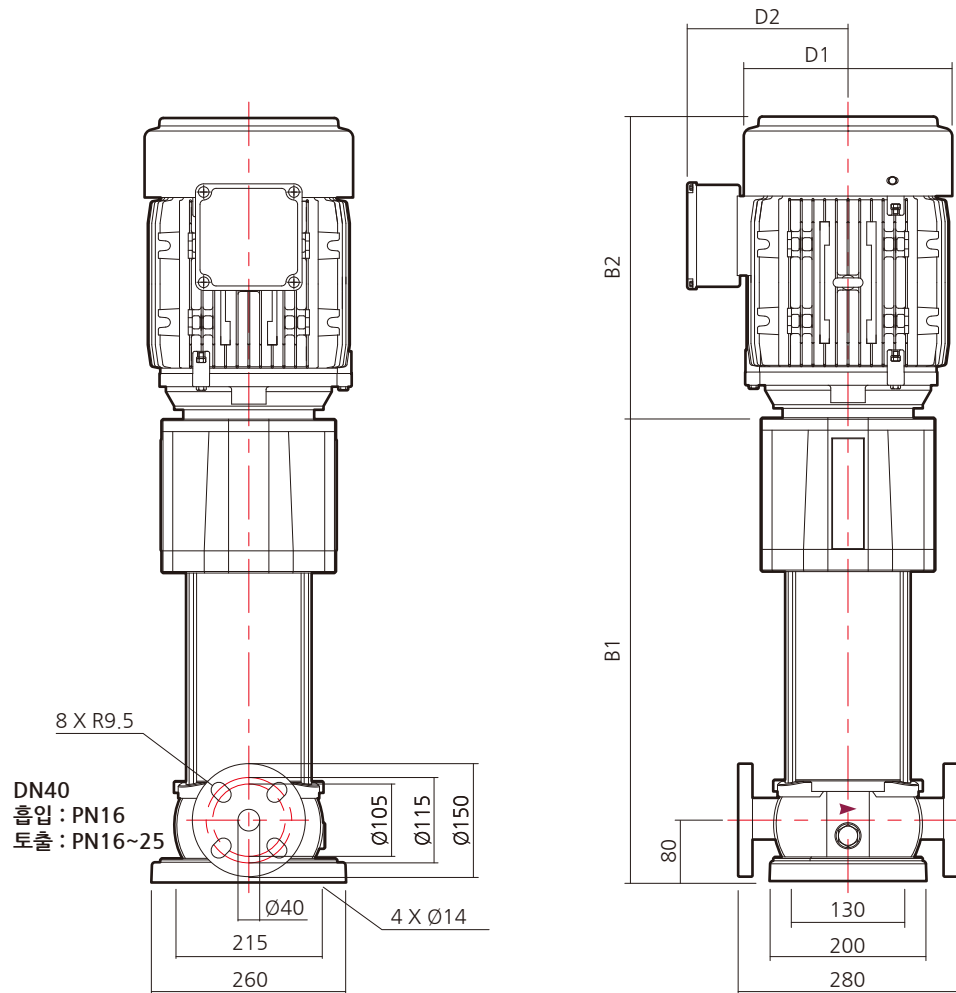
XRF185 (120~192m³/hr)				XRF215 (135~216m³/hr)			XRF255 (180~264m³/hr)				140%	H
											65%	(m)
185-4-2 132	185-4-2 132	185-4-2 132	185-4-2 132	215-4-2A 160	215-4-2A 160	215-4-2A 160	255-4-2 200	255-4-2 200	255-4-2 200	255-4-1 225	301 139.8	215
				215-3 160						255-4-2 200	294 136.5	210
					215-3 160	215-3 160	255-3 200	255-3 200			287 133.3	205
185-4-4 132	185-4-4 132	185-4-4 132							255-3 200	255-3 200	280 130	200
			185-4-4 132								273 126.8	195
185-4-4A 110	185-4-4A 110						255-3-1 160				266 123.5	190
		185-4-4A 110						255-3-1 160	255-3-1 160		259 120.3	185
				215-3-1 132	215-3-1 132						252 117	180
185-3 110	185-3 110	185-3 110				215-3-1 132					245 113.8	175
			185-3 110	215-3-2 132						255-3-1 160	238 110.5	170
					215-3-2 132	255-3-2A 132	255-3-2A 132				231 107.3	165
185-3-2 90	185-3-2 90			215-3-2A 110				255-3-2 160			224 104	160
		185-3-2 90			215-3-2A 110	215-3-2 132	255-3-3 132		255-3-2 160		217 100.8	155
185-3-3 90	185-3-3 90	185-3-3 90	185-3-2 110			215-3-2A 110		255-3-3 132		255-3-2 160	210 97.5	150
											203 94.3	145
			185-3-3 90	215-2 110	215-2 110						196 91	140
185-3-3A 75	185-3-3A 75					215-2 110	255-2 132	255-2 132	255-2 132	255-2 132	189 87.8	135
		185-3-3A 75		185-3-3 90			255-2A 110	255-2A 110			182 84.5	130
									255-2A 110		175 81.3	125
185-2 75	185-2 75		215-2-1 90	215-2-1 90			255-2-1 110	255-2-1 110			168 78	120
		185-2 75	185-2 75		215-2-1 90	215-2-1 90			255-2-1 110	255-2-1 110	161 74.8	115
185-2-1 75	185-2-1 75			185-2 75							154 71.5	110
		185-2-1 75					255-2-2 90				147 68.3	105
185-2-2 55	185-2-2 55		185-2-1 75		215-2-1A 75	255-2-2 90		255-2-2 90			140 65	100
		185-2-2 55		185-2-1 75							133 61.8	95
			215-2-2 75	215-2-2 75	255-2-2A 75	255-2-2A 75			255-2-2 90		126 58.5	90
185-2-2A 55	185-2-2A 55		255-2-2B 75	255-2-2B 75							119 55.3	85
185-2-2B 55	185-2-2B 55	185-2-2A 55	185-2-2A 55	255-2-2C 75	255-2-2C 75						112 52	80
185-2-2C 45	185-2-2C 45	185-2-2C 45	255-2-2D 55		255-2-2C 75						105 48.8	75
185-2-2D 45	185-2-2D 45	215-1 55	215-1 55	215-1 55	215-1 55	255-1 75					98 45.5	70
215-1 55	215-1 55					215-1 55	255-1 75	255-1 75	255-1 75	255-1 75	91 42.3	65
185-1 37	185-1 37	185-1 37					255-1A 55				84 39	60
			185-1 37	215-1A 45	215-1A 45	255-1-1 45		255-1A 55	255-1A 55		77 35.8	55
185-1-1 30	185-1-1 30	185-1-1 30		215-1B 45	215-1B 45		255-1-1 45				70 32.5	50
			185-1-1 30	215-1-1 37	215-1-1 37			255-1-1 45			63 29.3	45
215-1-1B 30	215-1-1B 30	215-1-1A 30	215-1-1A 30	255-1-1A 37	255-1-1A 37						56 26	40
		215-1-1B 30	215-1-1B 30								49 22.8	35
215-1-1C 22	215-1-1C 22										42 19.5	30
2.66	2.7	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	100%	Q
3.99	4.05	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	150%	(m³/min)

입형다단 원심펌프 XRF 10 SERIES

▶ 성능곡선도



▶ 외형도



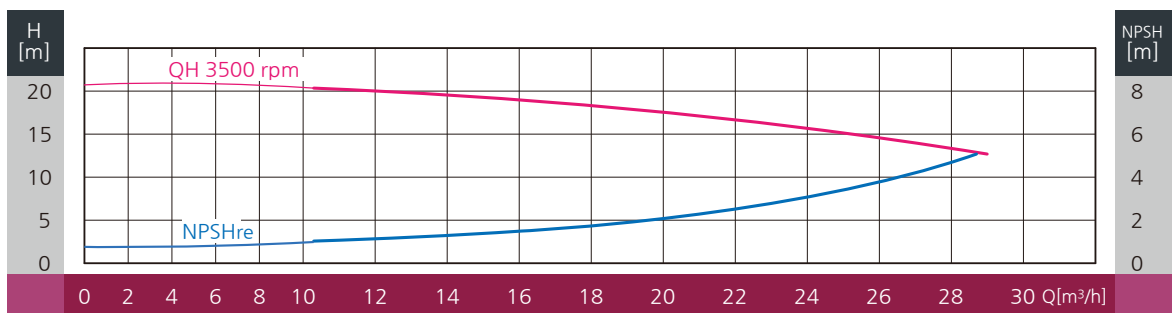
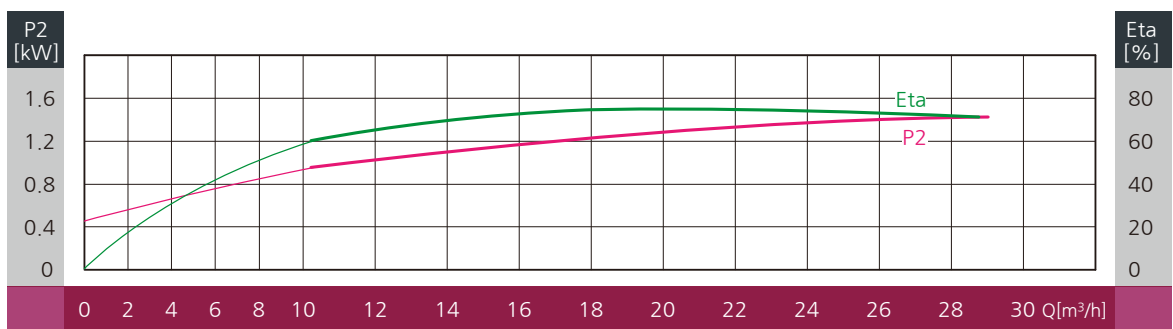
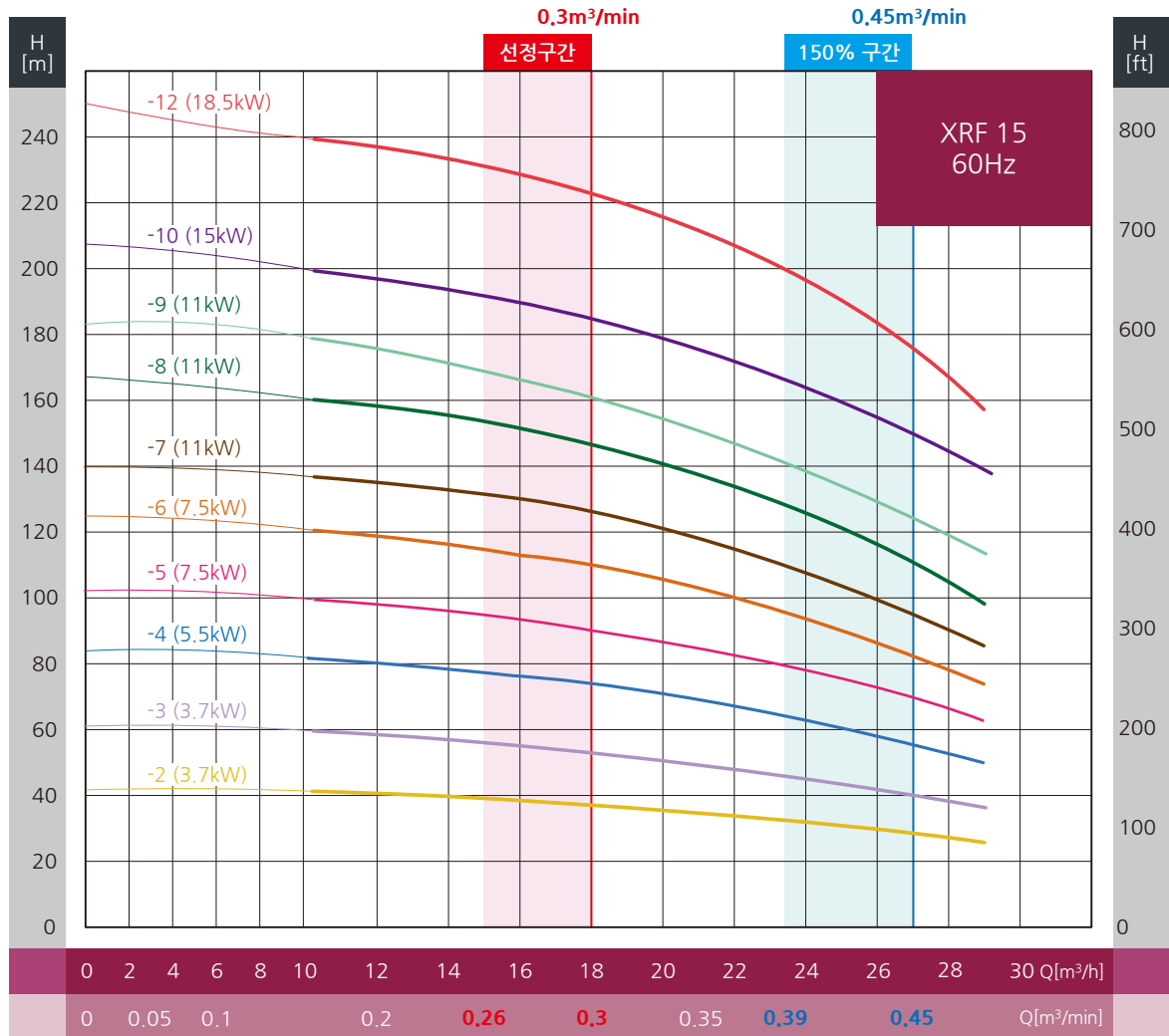
▶ 외형치수 및 중량

모 델 명	동 력		흡입/토출 구경	압력등급		외형 치수 (mm)					중 량 (kg)
	kW	HP		흡입	토출	B1	B2	B1+B2	D1	D2	
XRF10-3A	1.5	2	DN40	PN16	PN16	463	285	748	183	143	75
XRF10-3	2.2	3				463	285	748	183	143	75
XRF10-4	2.2	3				493	285	778	183	143	76
XRF10-5	3.7	5				523	330	853	227	180	105
XRF10-6	3.7	5				553	330	883	227	180	106
XRF10-7	5.5	7.5				603	372	975	270	202	138
XRF10-8	5.5	7.5				633	372	1005	270	202	139
XRF10-9	5.5	7.5				663	372	1035	270	202	140
XRF10-10	5.5	7.5				693	372	1065	270	202	141
XRF10-12	7.5	10				753	372	1125	270	202	143
XRF10-14	11	15			PN25	843	480	1323	318	290	223
XRF10-17	11	15				933	480	1413	318	290	226

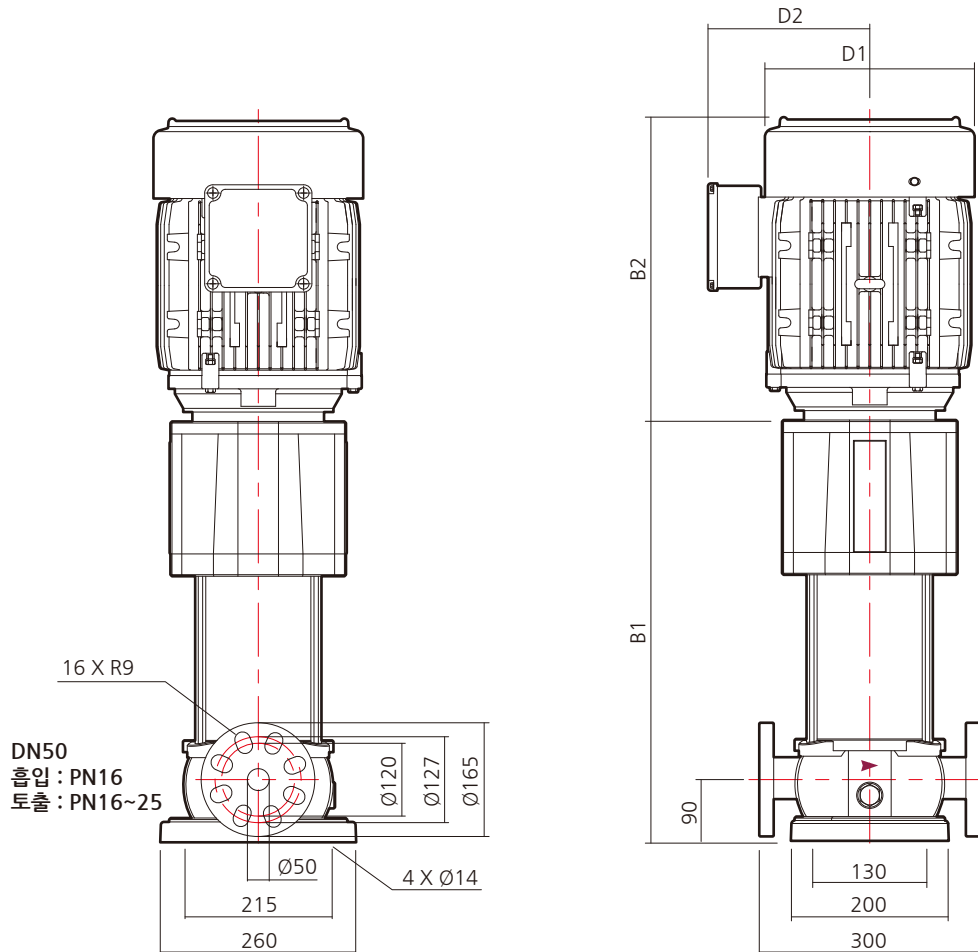
※ 표기된 중량은 모터와 펌프중량이 합산된 자료입니다.

입형다단 원심펌프 XRF 15 SERIES

▶ 성능곡선도



▶ 외형도



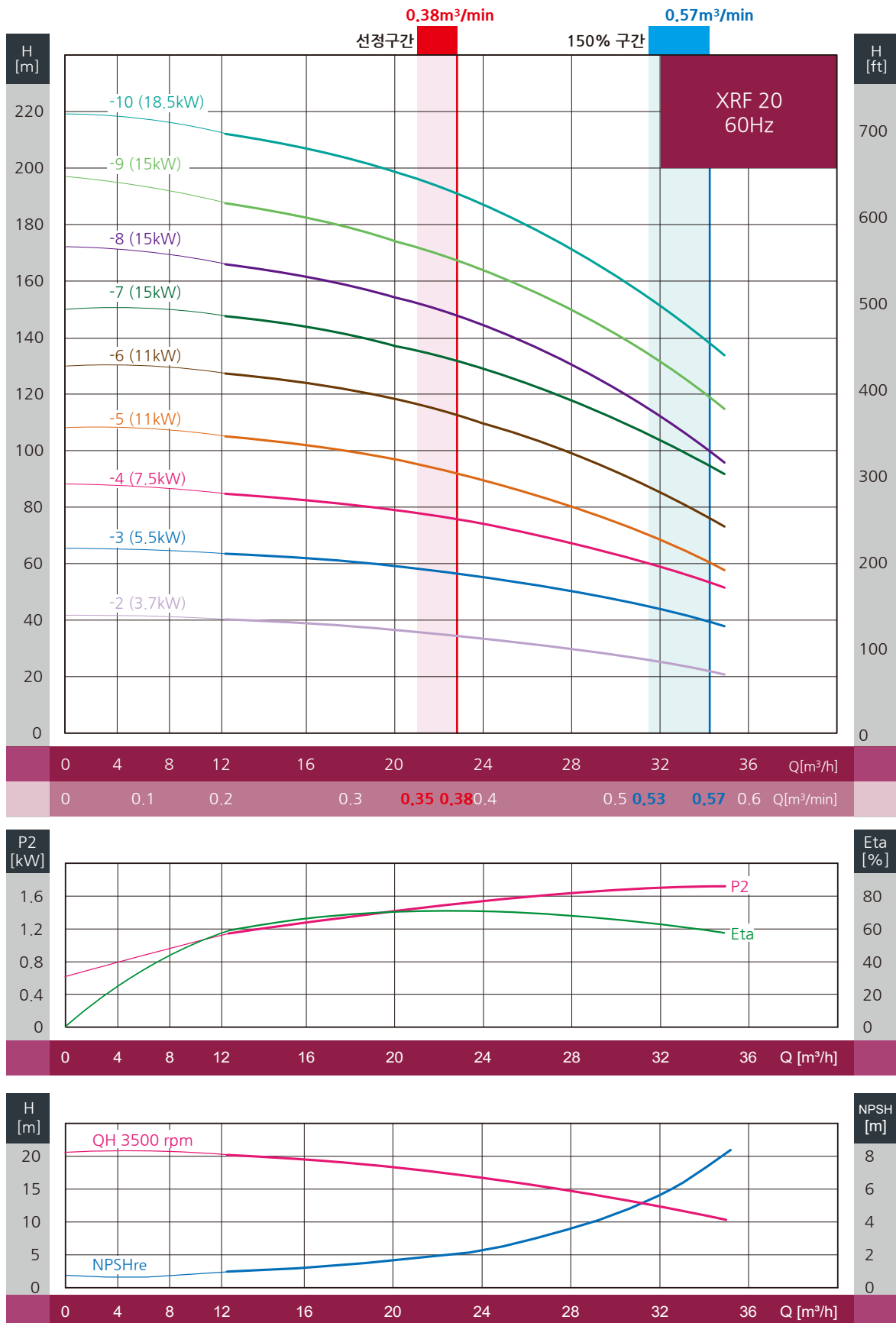
▶ 외형치수 및 중량

모 델 명	동 력		흡입/토출 구경	압력등급		외형 치수 (mm)					중 량 (kg)
	kW	HP		흡입	토출	B1	B2	B1+B2	D1	D2	
XRF15-2	3.7	5	DN50	PN16	PN16	478	330	808	227	180	102
XRF15-3A	3.7	5				523	330	853	227	180	103
XRF15-3	3.7	5				523	330	853	227	180	103
XRF15-4A	5.5	7.5				588	372	960	270	202	136
XRF15-5	7.5	10				633	372	1005	270	202	137
XRF15-6A	7.5	10				678	372	1050	270	202	145
XRF15-6	7.5	10				678	372	1050	270	202	145
XRF15-7	11	15				753	480	1233	318	290	219
XRF15-8	11	15			PN25	798	480	1278	318	290	221
XRF15-9	11	15				843	480	1323	318	290	222
XRF15-10	15	20				888	480	1368	318	290	223
XRF15-12	18.5	25				978	525	1503	318	290	232

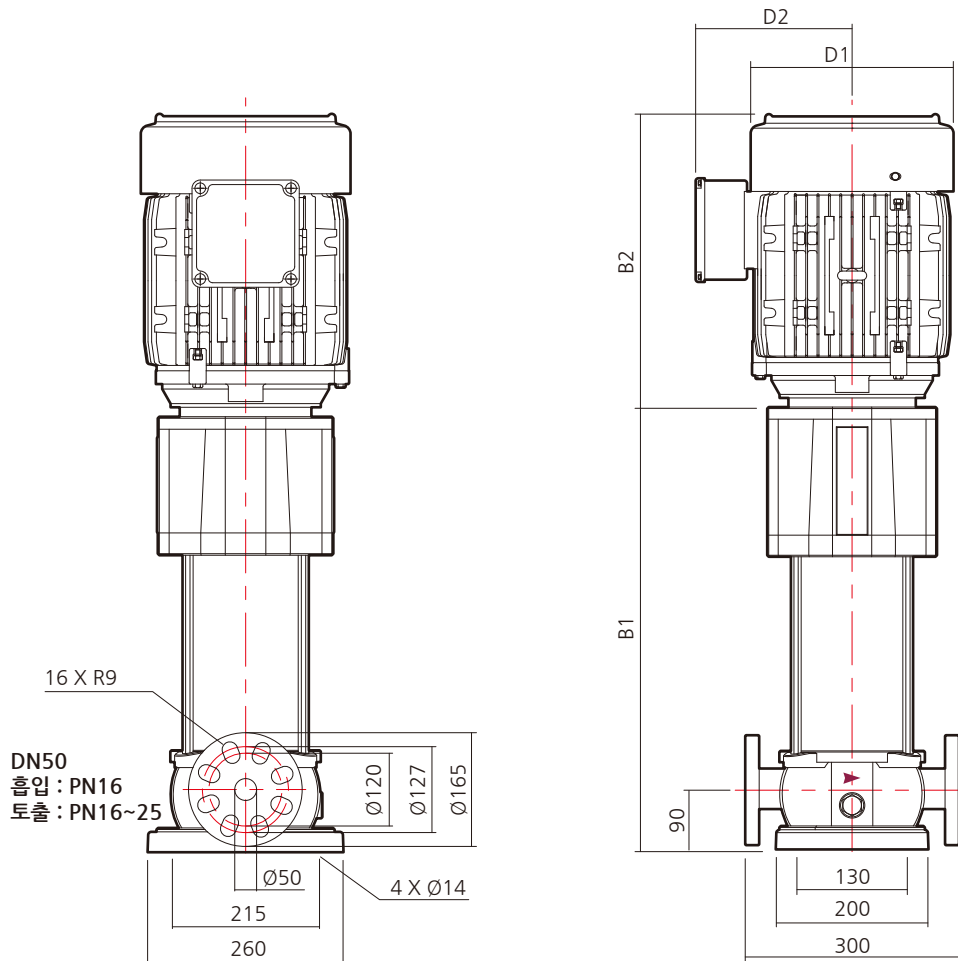
※ 표기된 중량은 모터와 펌프중량이 합산된 자료입니다.

입형다단 원심펌프 XRF 20 SERIES

▶ 성능곡선도



▶ 외형도



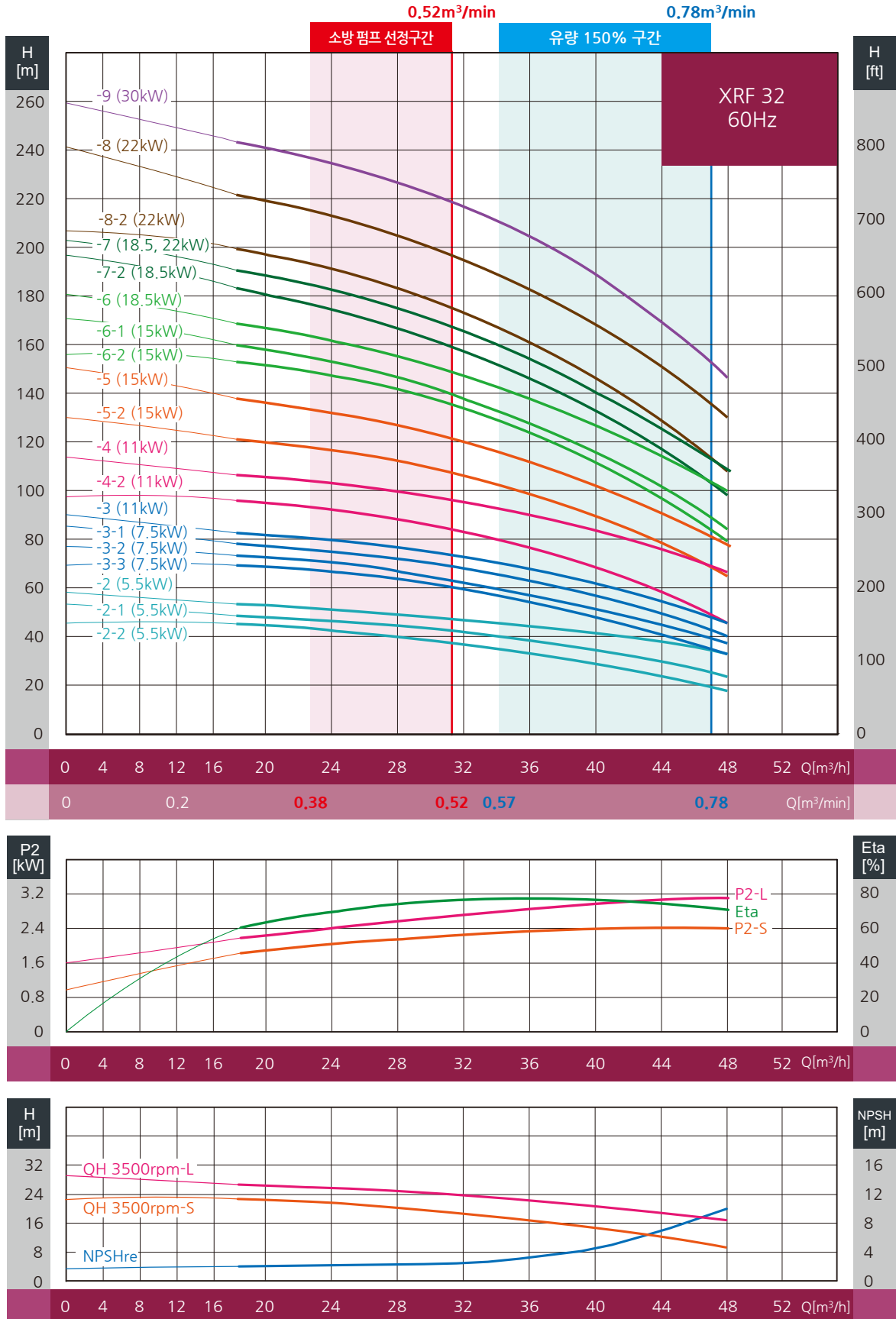
▶ 외형치수 및 중량

모 델 명	동 력		흡입/토출 구경	압력등급		외형 치수 (mm)					중 량 (kg)
	kW	HP		흡입	토출	B1	B2	B1+B2	D1	D2	
XRF20-2	3.7	5	DN50	PN16	PN16	478	330	808	227	180	102
XRF20-3A	5.5	7.5				543	372	915	270	202	134
XRF20-3	5.5	7.5				543	372	915	270	202	134
XRF20-4B	7.5	10				588	372	960	270	202	136
XRF20-4A	7.5	10				588	372	960	270	202	136
XRF20-4	7.5	10				588	372	960	270	202	136
XRF20-5	11	15				663	480	1143	318	290	216
XRF20-6	11	15				708	480	1188	318	290	218
XRF20-7	15	20				753	480	1233	318	290	219
XRF20-8	15	20			PN25	798	480	1278	318	290	221
XRF20-9	15	20				843	480	1323	318	290	222
XRF20-10	18.5	25				888	525	1413	318	290	229

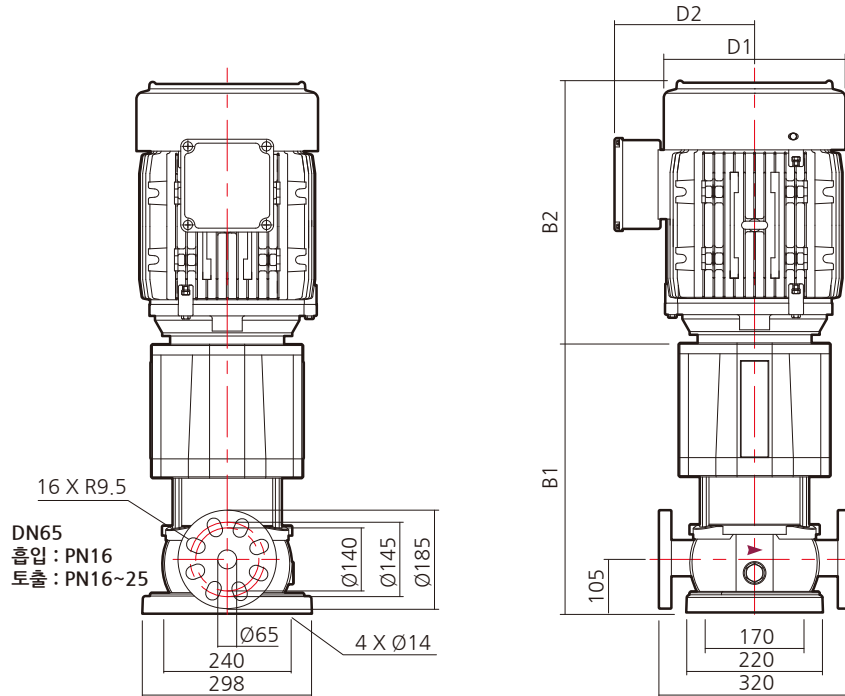
※ 표기된 중량은 모터와 펌프중량이 합산된 자료입니다.

입형다단 원심펌프 XRF 32 SERIES

▶ 성능곡선도



▶ 외형도



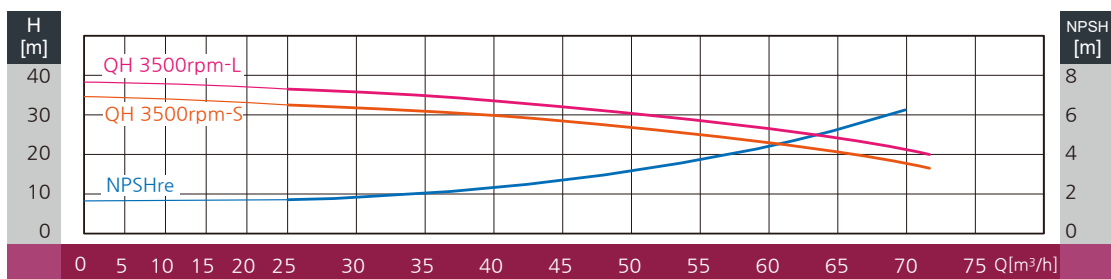
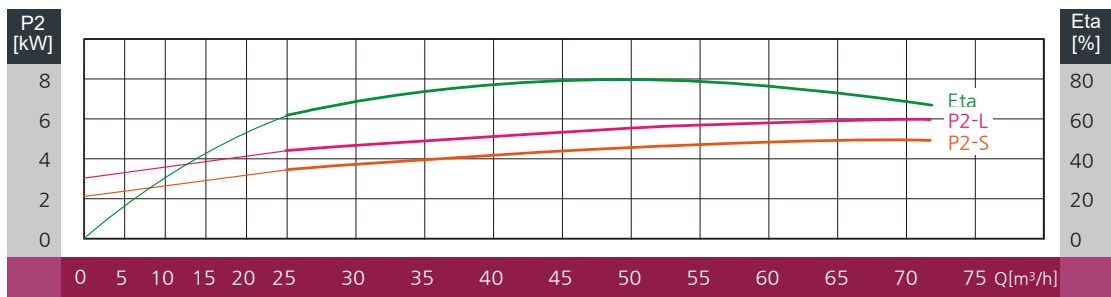
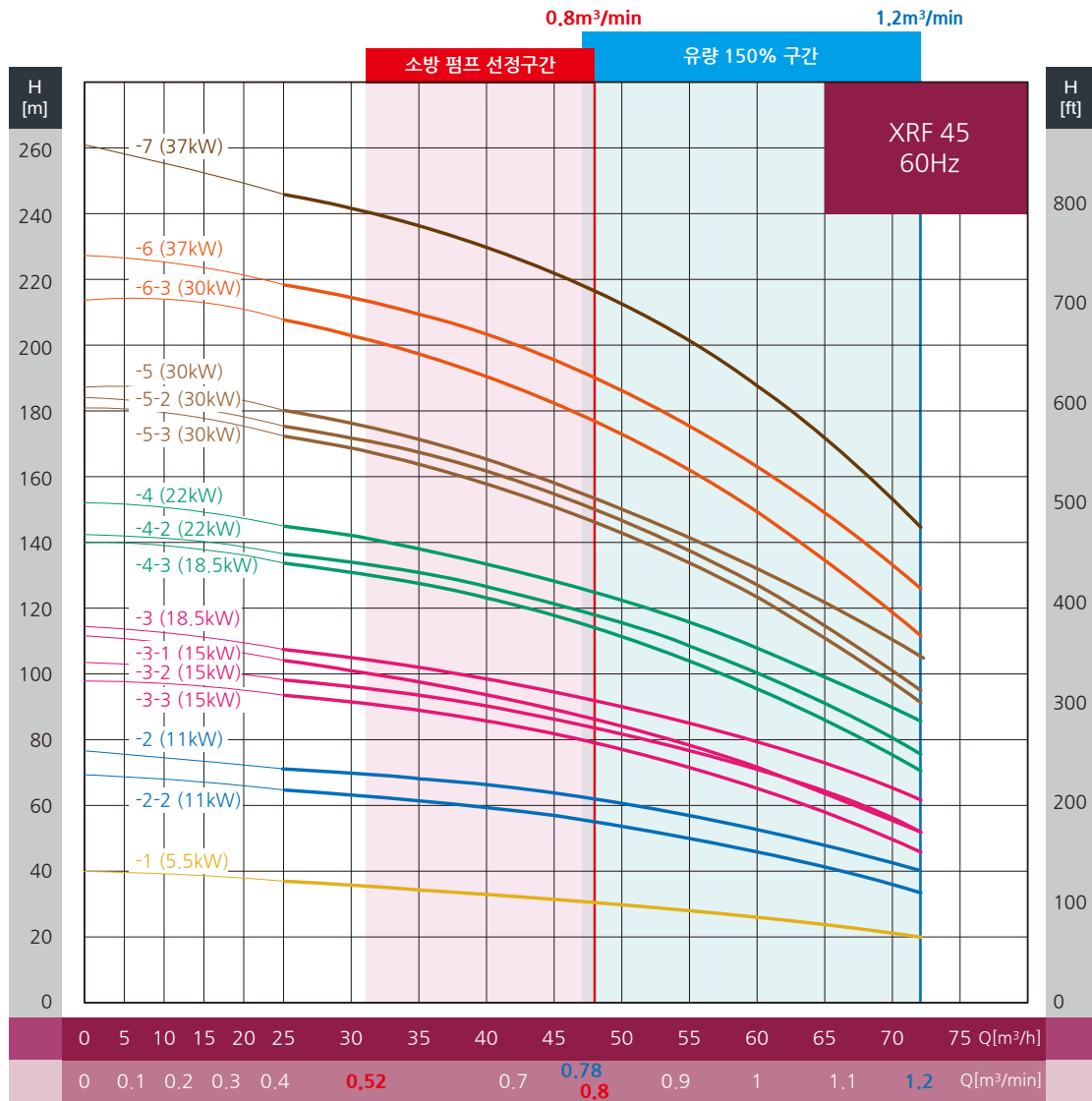
▶ 외형치수 및 중량

모 델 명	동 력		흡입/토출 구경	압력등급		외형 치수 (mm)					중 량 (kg)
	kW	HP		흡입	토출	B1	B2	B1+B2	D1	D2	
XRF32-2-2A	3.7	5	DN65	PN16	PN16	626	330	956	227	180	126
XRF32-2-2	5.5	7.5				645	372	1017	270	202	157
XRF32-2-1	5.5	7.5				645	372	1017	270	202	157
XRF32-2	5.5	7.5				645	372	1017	270	202	157
XRF32-3-3	7.5	10				715	372	1087	270	202	169
XRF32-3-2	7.5	10				715	372	1087	270	202	169
XRF32-3-1	7.5	10				745	372	1117	270	202	174
XRF32-3	11	15				745	480	1225	318	290	242
XRF32-4-2	11	15				815	480	1295	318	290	245
XRF32-4-1	11	15				815	480	1295	318	290	245
XRF32-4	11	15				815	480	1295	318	290	245
XRF32-5-2	15	20				885	480	1365	318	290	248
XRF32-5	15	20				885	480	1365	318	290	248
XRF32-6-2	15	20				955	480	1435	318	290	251
XRF32-6-1	15	20				955	480	1435	318	290	251
XRF32-6	18.5	25				955	525	1480	318	290	257
XRF32-7-2	18.5	25			PN25	1025	525	1550	318	290	260
XRF32-7	18.5	25				1025	525	1550	318	290	260
	22	30				1025	570	1595	354	305	312
XRF32-8-2	22	30				1095	570	1665	354	305	319
XRF32-8	22	30				1095	570	1665	354	305	319
XRF32-9	30	40				1165	610	1775	354	305	337

※ 표기된 중량은 모터와 펌프중량이 합산된 자료입니다.

입형다단 원심펌프 XRF 45 SERIES

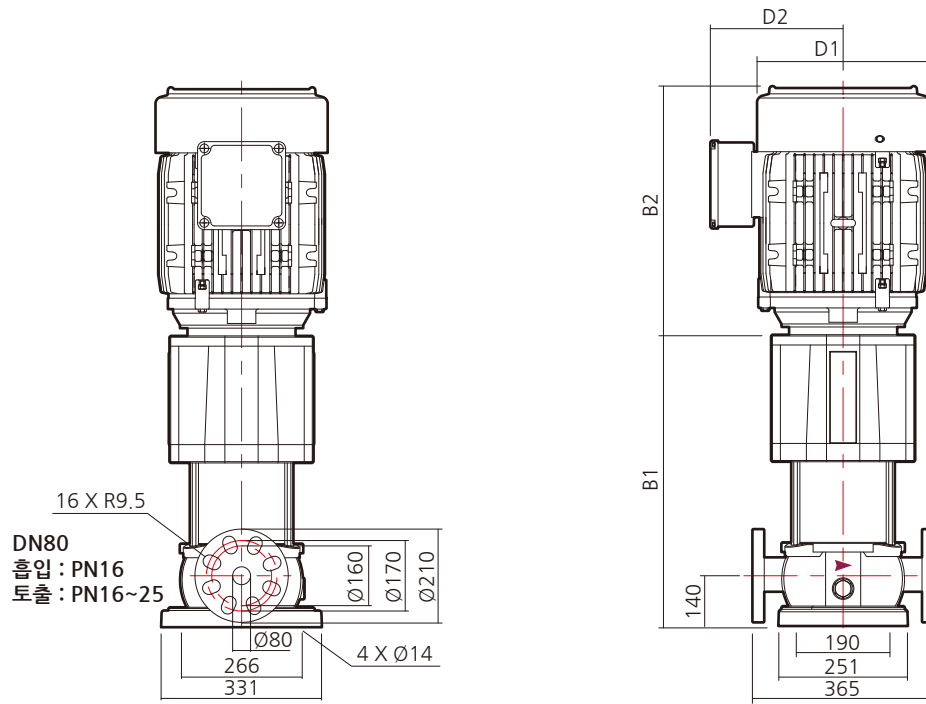
▶ 성능곡선도



입형다단 원심펌프 XRF 45 SERIES



외형도



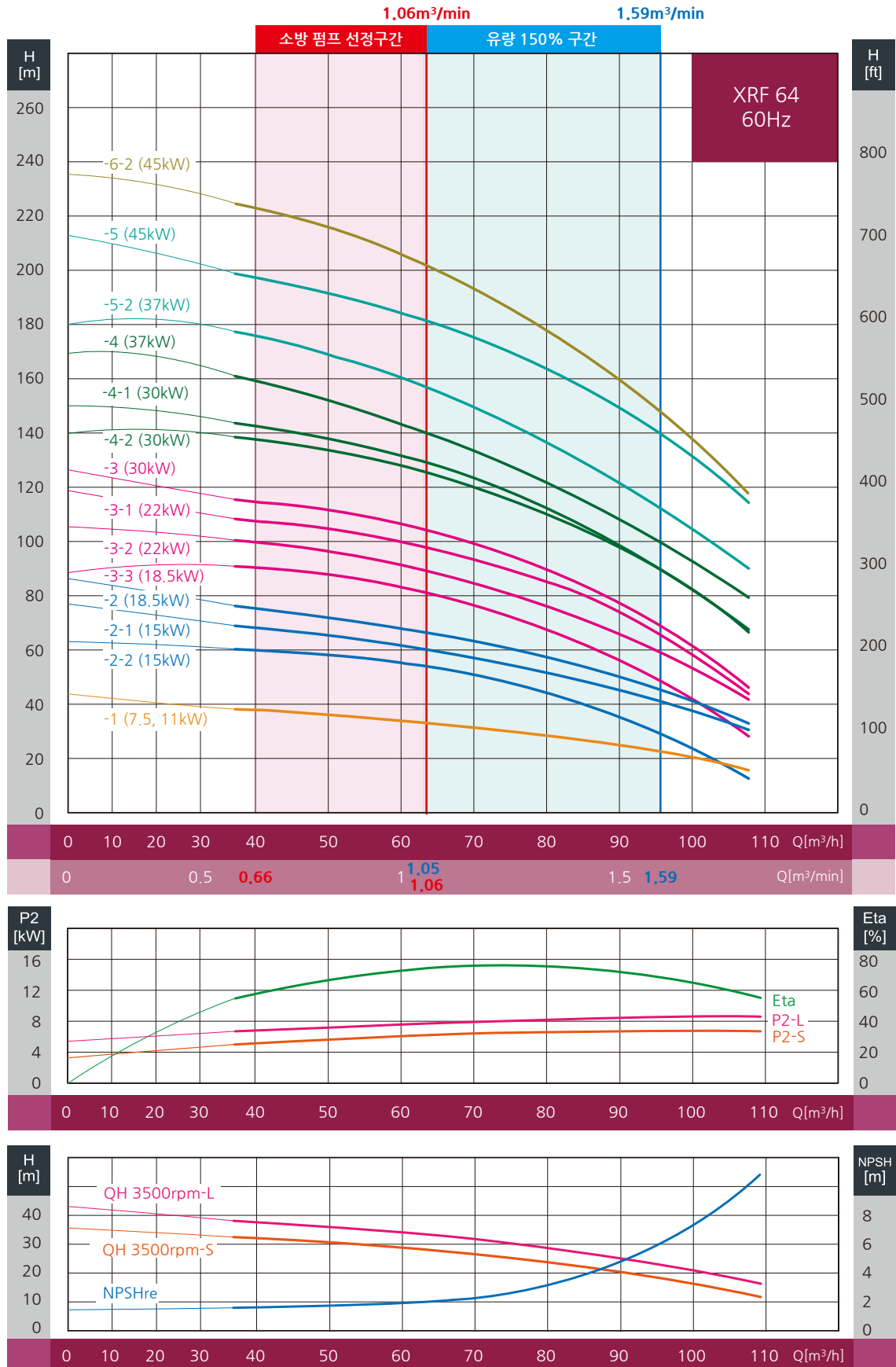
외형치수 및 중량

모 델 명	동 력		흡입/토출 구경	압력등급		외형 치수 (mm)					중 량 (kg)
	kW	HP		흡입	토출	B1	B2	B1+B2	D1	D2	
XRF45-1	5.5	7.5	DN80	PN16	PN16	632	372	1004	270	202	164
XRF45-2-2C	7.5	10				712	372	1084	270	202	173
XRF45-2-2B	7.5	10				712	372	1084	270	202	173
XRF45-2-2A	7.5	10				712	372	1084	270	202	173
XRF45-2-2	11	15				742	480	1222	318	290	246
XRF45-2	11	15				742	480	1222	318	290	246
XRF45-3-3A	15	20				822	480	1302	318	290	250
XRF45-3-3	15	20				822	480	1302	318	290	250
XRF45-3-2	15	20				822	480	1302	318	290	250
XRF45-3-1	15	20				822	480	1302	318	290	250
XRF45-3	18.5	25				822	525	1347	318	290	256
XRF45-4-4A	18.5	25				902	525	1427	318	290	260
XRF45-4-3	18.5	25				902	525	1427	318	290	260
XRF45-4-2	22	30				902	570	1472	354	305	316
XRF45-4	22	30				902	570	1472	354	305	316
XRF45-5-3	30	40			PN25	982	610	1592	354	305	335
XRF45-5-2	30	40				982	610	1592	354	305	335
XRF45-5	30	40				982	610	1592	354	305	335
XRF45-6-3	30	40				1062	610	1672	354	305	338
XRF45-6	37	50				1062	690	1752	404	370	405
XRF45-7	37	50				1142	690	1832	404	370	415

※ 표기된 중량은 모터와 펌프중량이 합산된 자료입니다.

입형다단 원심펌프 XRF 64 SERIES

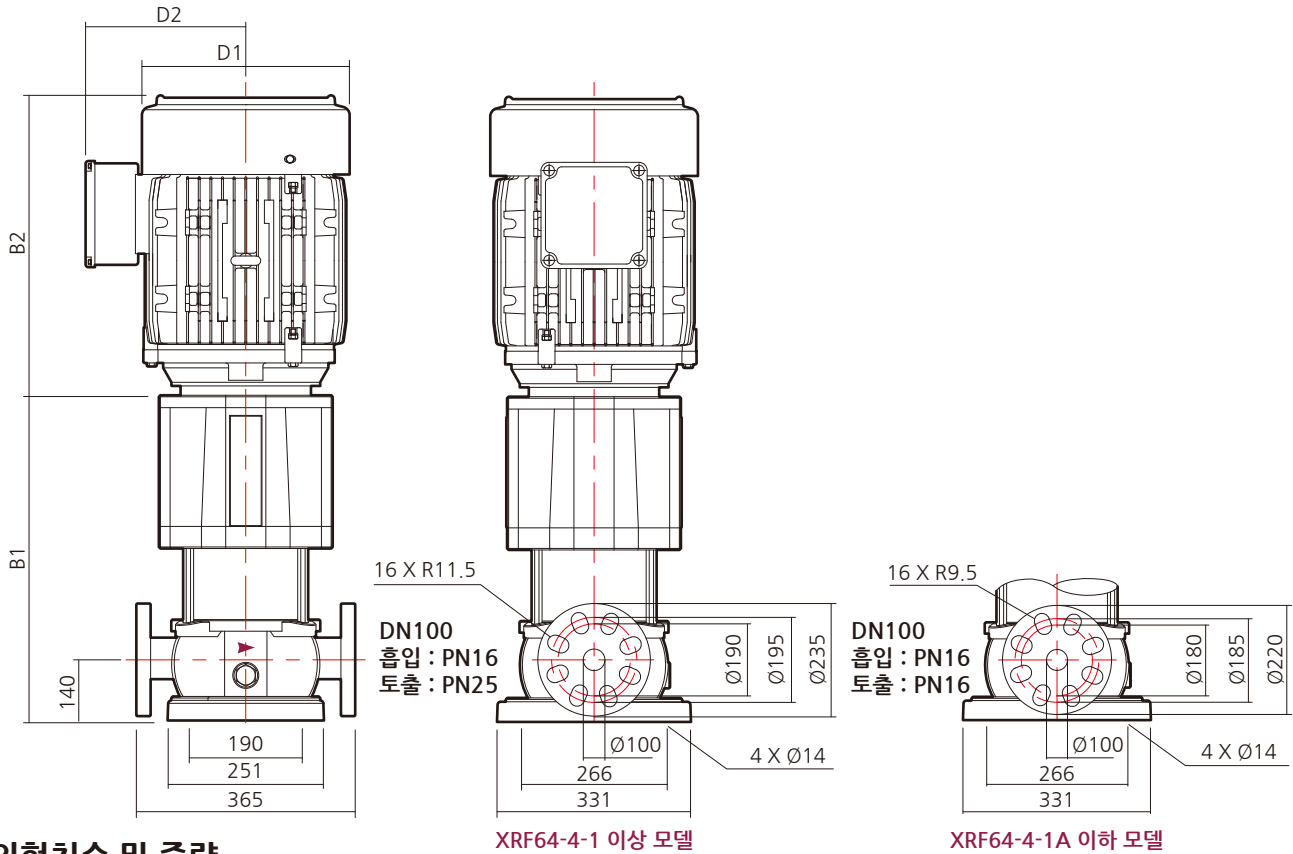
▶ 성능곡선도



입형다단 원심펌프 XRF 64 SERIES



▶ 성능곡선도



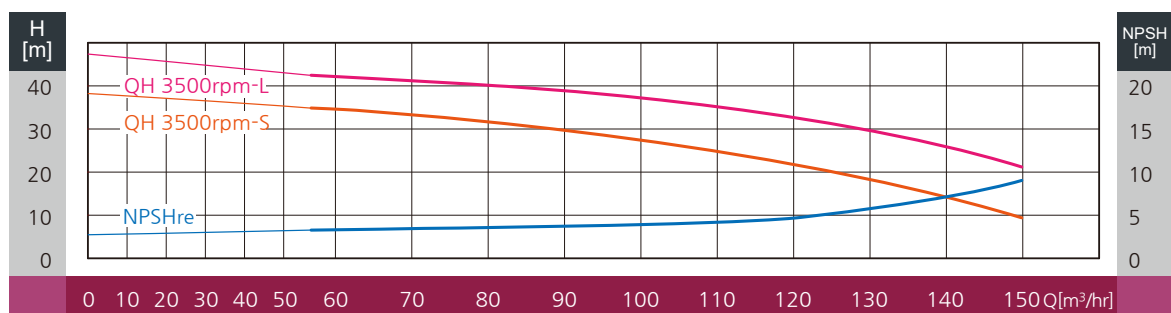
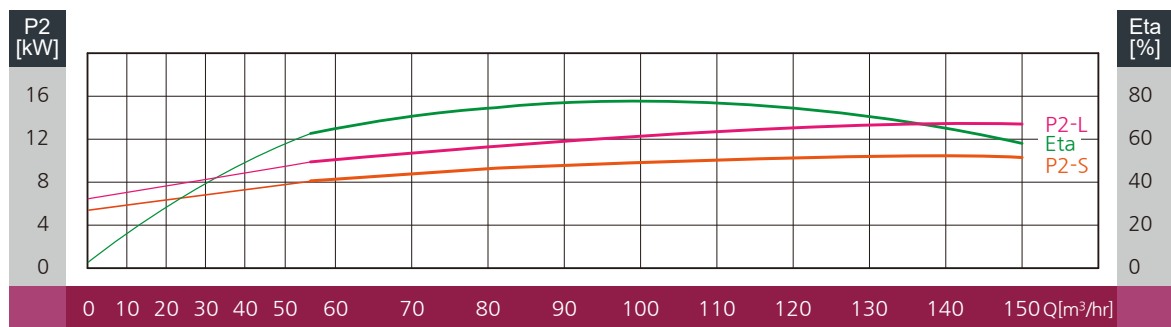
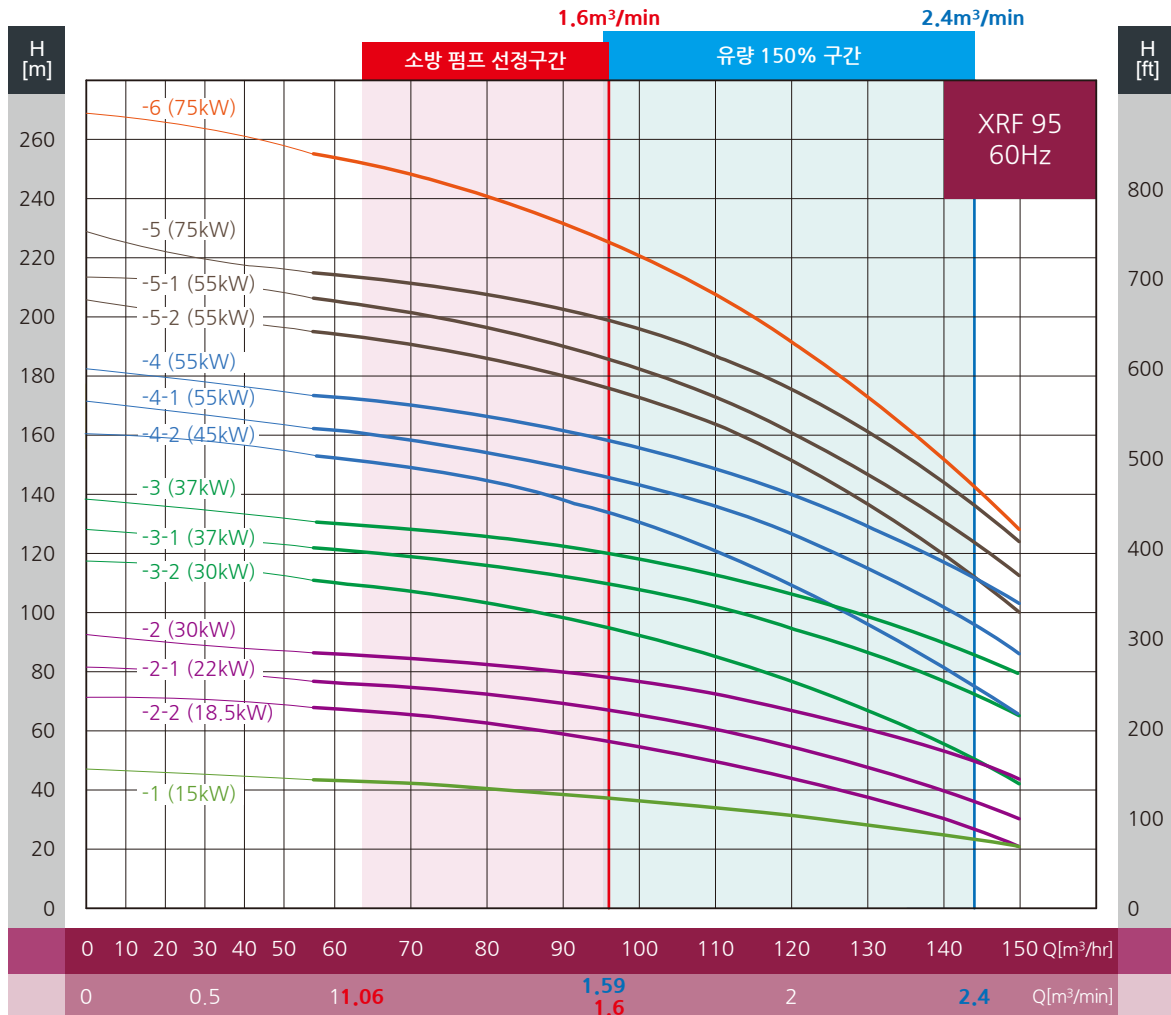
▶ 외형치수 및 중량

모 델 명	동 력		흡입/토출 구경	압력등급		외형 치수 (mm)					중 량 (kg)
	kW	HP		흡입	토출	B1	B2	B1+B2	D1	D2	
XRF64-1A	7.5	10	DN100	PN16	PN16	634	372	1006	270	202	166
XRF64-1	7.5	10				634	372	1006	270	202	176
	11	15				634	480	1114	318	290	244
XRF64-2-2B	11	15				747	480	1227	318	290	247
XRF64-2-2A	11	15				747	480	1227	318	290	247
XRF64-2-2	15	20				747	480	1227	318	290	247
XRF64-2-1	15	20				747	480	1227	318	290	247
XRF64-2	18.5	25				747	525	1272	318	290	253
XRF64-3-3	18.5	25				829	525	1354	318	290	256
XRF64-3-2	22	30				829	570	1399	354	305	308
XRF64-3-1	22	30				829	570	1399	354	305	308
XRF64-3	30	40				829	610	1439	354	305	327
XRF64-4-2	30	40				912	610	1522	354	305	330
XRF64-4-1A	30	40				912	610	1522	354	305	330
XRF64-4-1	30	40				912	610	1522	354	305	330
XRF64-4	37	50			PN25	912	690	1602	404	370	403
XRF64-5-2	37	50				994	690	1684	404	370	406
XRF64-5	45	60				994	670	1664	404	370	406
XRF64-6-2	45	60				1077	670	1747	404	370	410

※ 표기된 중량은 모터와 펌프중량이 합산된 자료입니다.

입형다단 원심펌프 XRF 95 SERIES

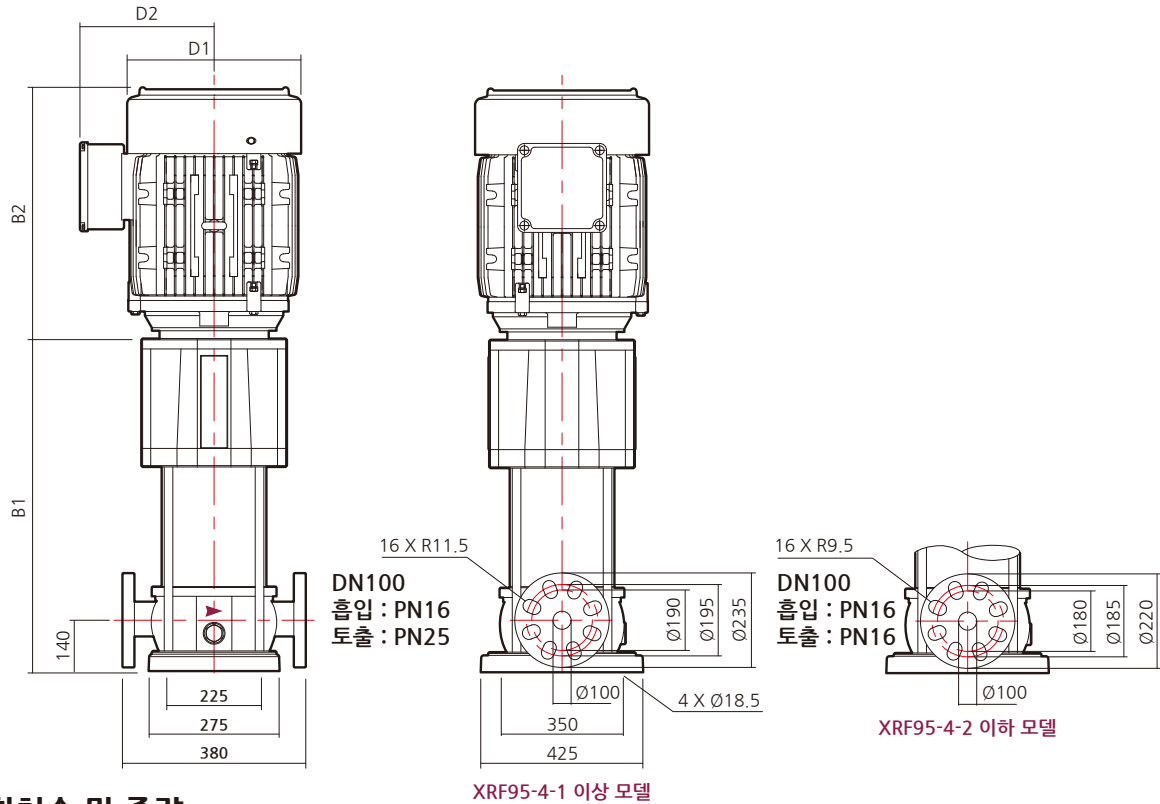
▶ 성능곡선도



입형다단 원심펌프 XRF 95 SERIES



외형도



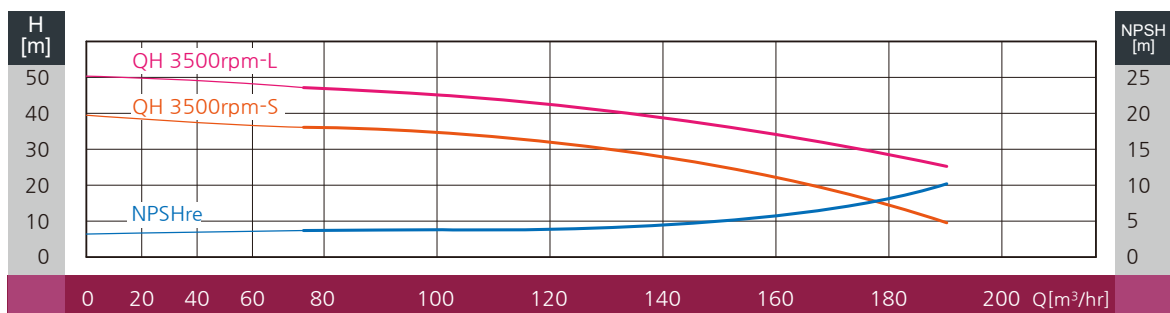
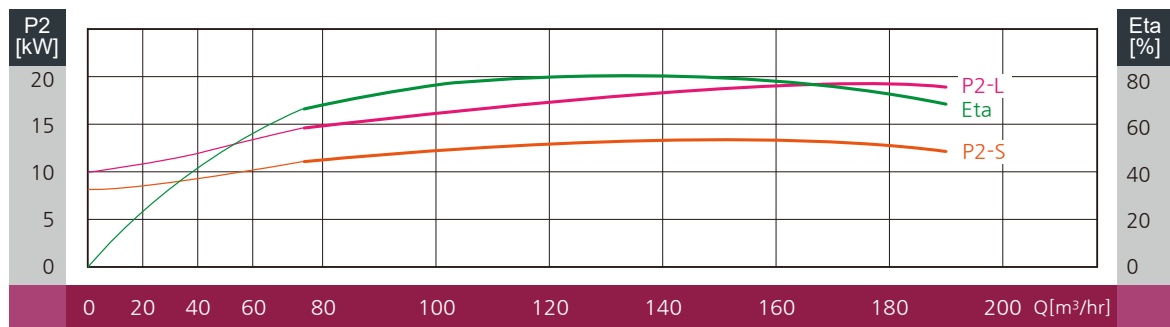
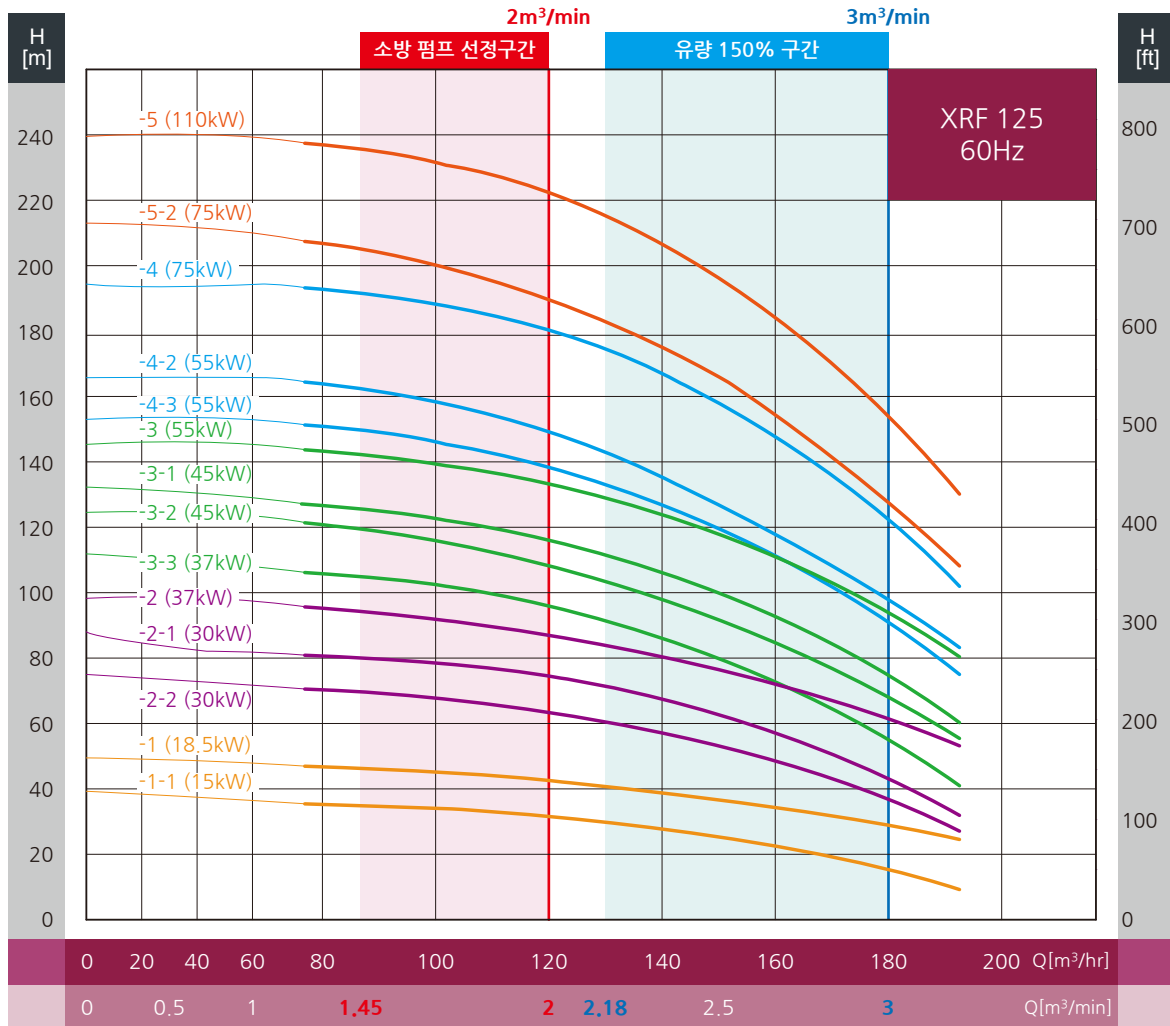
외형치수 및 중량

모 델 명	동 력		흡입/토출 구경	압력등급		외형 치수 (mm)					중 량 (kg)
	kW	HP		흡입	토출	B1	B2	B1+B2	D1	D2	
XRF95-1A	11	15	DN100	PN16	PN16	701	480	1181	318	290	270
XRF95-1	15	20				701	480	1181	318	290	270
XRF95-2-2B	15	20				806	480	1286	318	290	271
XRF95-2-2A	18.5	25				806	525	1331	318	290	283
XRF95-2-2	18.5	25				806	525	1331	318	290	283
XRF95-2-1A	22	30				806	570	1376	354	305	335
XRF95-2-1	22	30				806	570	1376	354	305	335
XRF95-2	30	40				806	610	1416	354	305	353
XRF95-3-2	30	40				910	610	1520	354	305	360
XRF95-3-1A	37	50				910	690	1600	404	370	427
XRF95-3-1	37	50				910	690	1600	404	370	427
XRF95-3A	37	50				910	690	1600	404	370	427
XRF95-3	37	50				910	690	1600	404	370	433
XRF95-4-2	45	60			PN25	1015	670	1685	404	370	440
XRF95-4-1	55	75				1035	685	1720	457	457	525
XRF95-4	55	75				1035	685	1720	457	457	547
XRF95-5-2	55	75				1139	685	1824	457	457	557
XRF95-5-1	55	75				1139	685	1824	457	457	557
XRF95-5	75	100				1139	760	1899	512	450	717
XRF95-6	75	100				1244	760	2004	512	450	727

※ 표기된 중량은 모터와 펌프중량이 합산된 자료입니다.

입형다단 원심펌프 XRF 125 SERIES

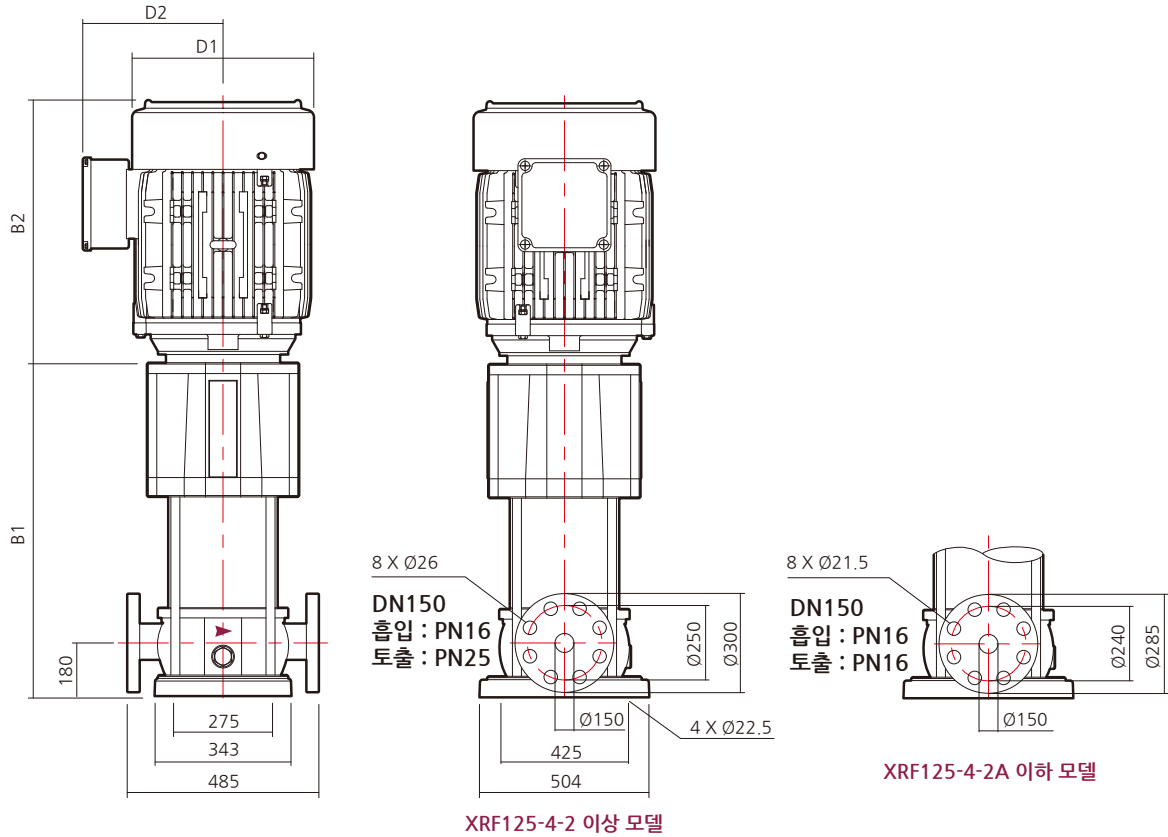
▶ 성능곡선도



입형다단 원심펌프 XRF 125 SERIES



외형도



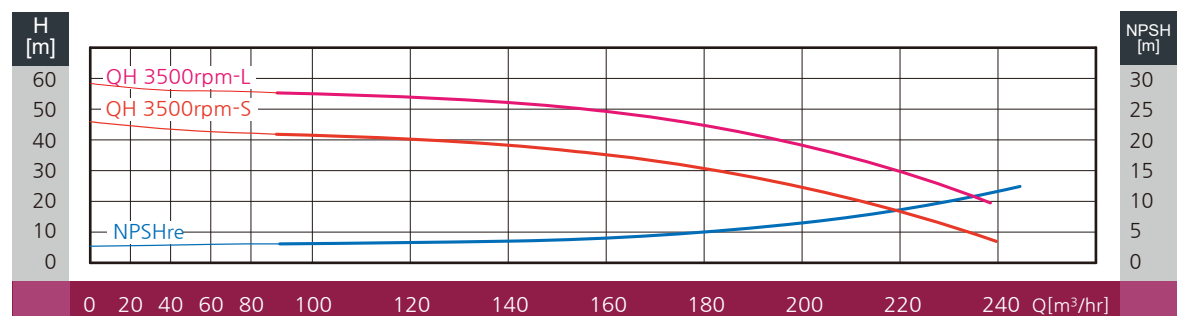
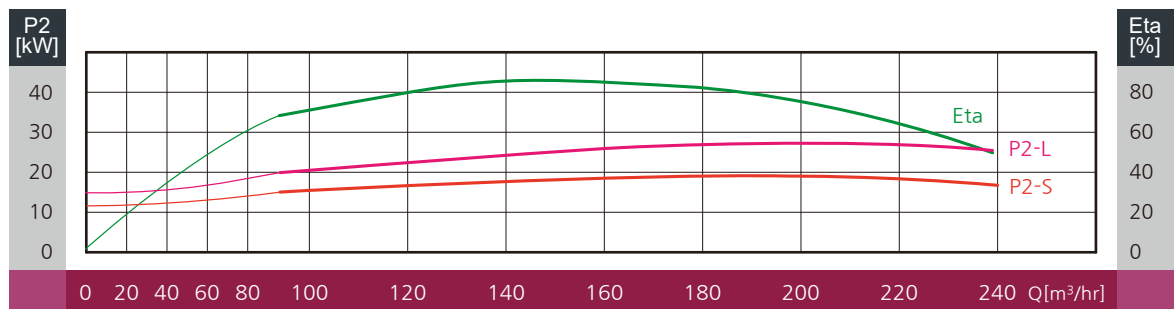
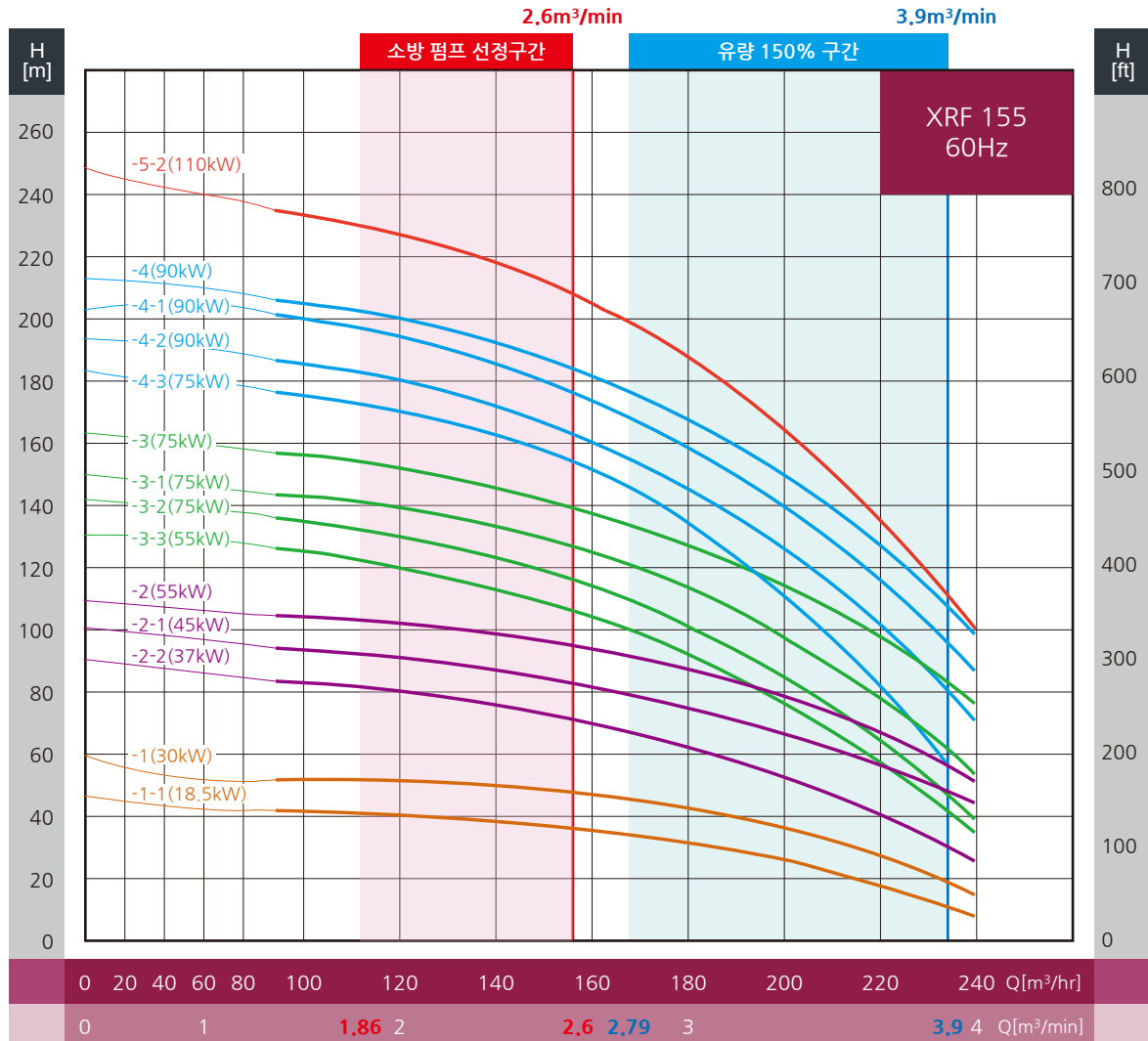
외형치수 및 중량

모 델 명	동 력		흡입/토출 구경	압력등급		외형 치수 (mm)					중 량 (kg)
	kW	HP		흡입	토출	B1	B2	B1+B2	D1	D2	
XRF125-1-1A	11	15	DN150	PN16	PN16	783	480	1263	318	290	313
XRF125-1A	15	20				783	480	1263	318	290	313
XRF125-1	18.5	25				783	525	1308	318	290	319
XRF125-2-2B	22	30				905	570	1475	354	305	395
XRF125-2-2A	22	30				905	570	1475	354	305	395
XRF125-2-1A	30	40				905	610	1515	354	305	410
XRF125-2-1	30	40				905	610	1515	354	305	410
XRF125-2	37	50				905	690	1595	404	370	477
XRF125-3-3	37	50				1027	690	1717	404	370	488
XRF125-3-2	45	60				1057	670	1727	404	370	500
XRF125-3-1	45	60				1057	670	1727	404	370	500
XRF125-3	55	75				1057	685	1742	457	457	610
XRF125-4-3	55	75			PN25	1179	685	1864	457	457	610
XRF125-4-2A	55	75				1179	685	1864	457	457	636
XRF125-4	75	100				1179	760	1939	512	450	796
XRF125-5-2	75	100				1301	760	2061	512	450	796
XRF125-5	90	120				1301	800	2101	512	450	881

※ 표기된 중량은 모터와 펌프중량이 합산된 자료입니다.

입형다단 원심펌프 XRF 155 SERIES

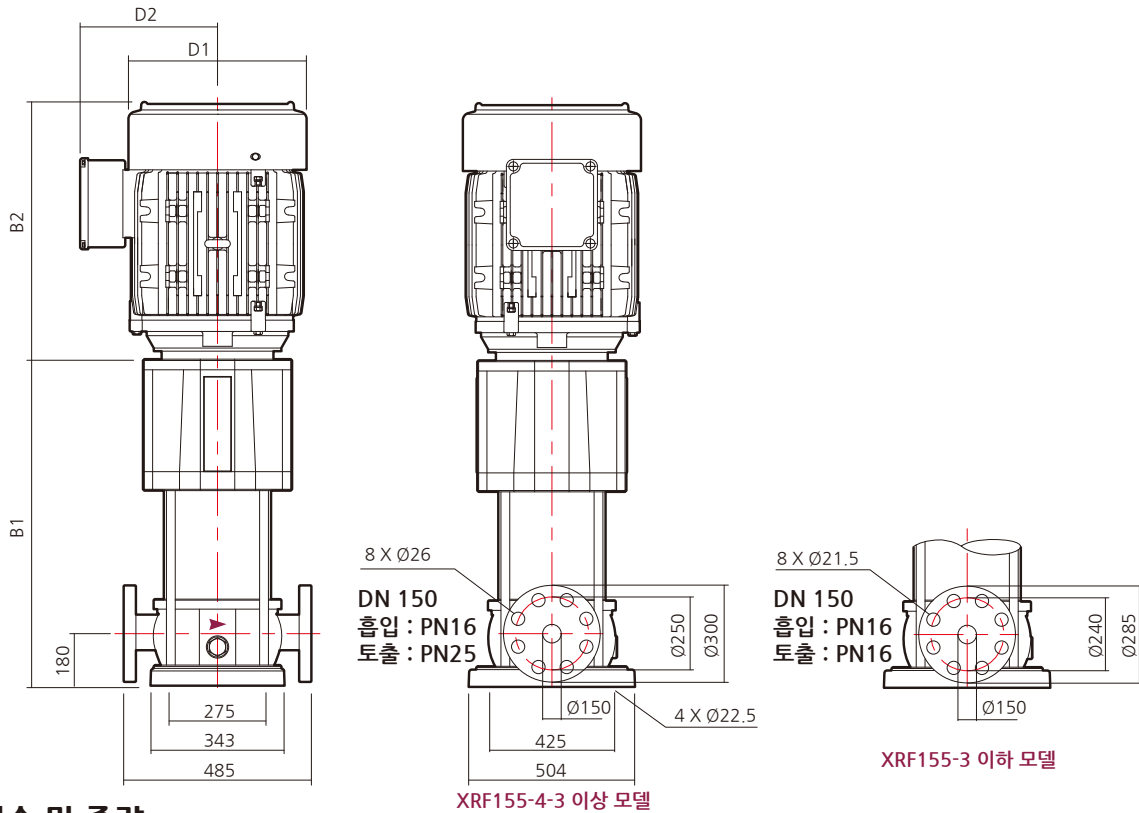
▶ 성능곡선도



입형다단 원심펌프 XRF 155 SERIES



▶ 외형도



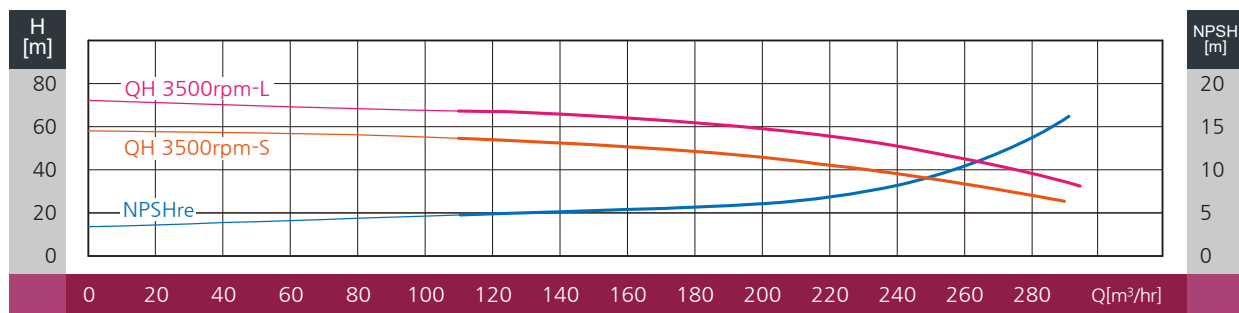
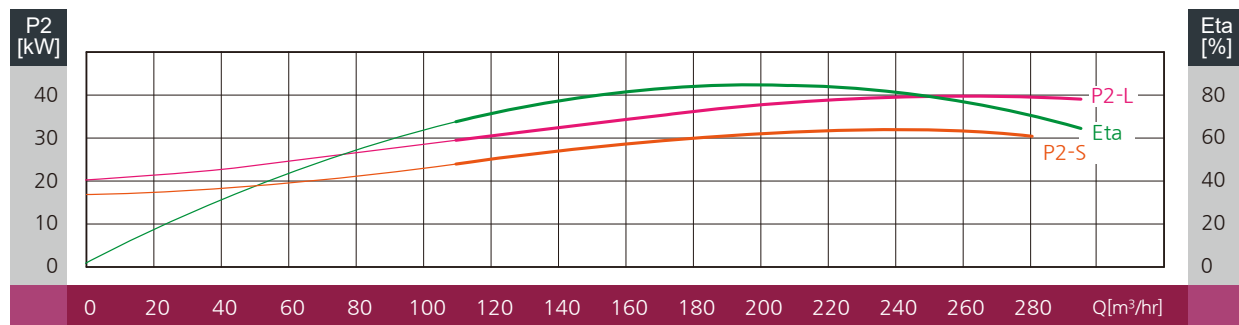
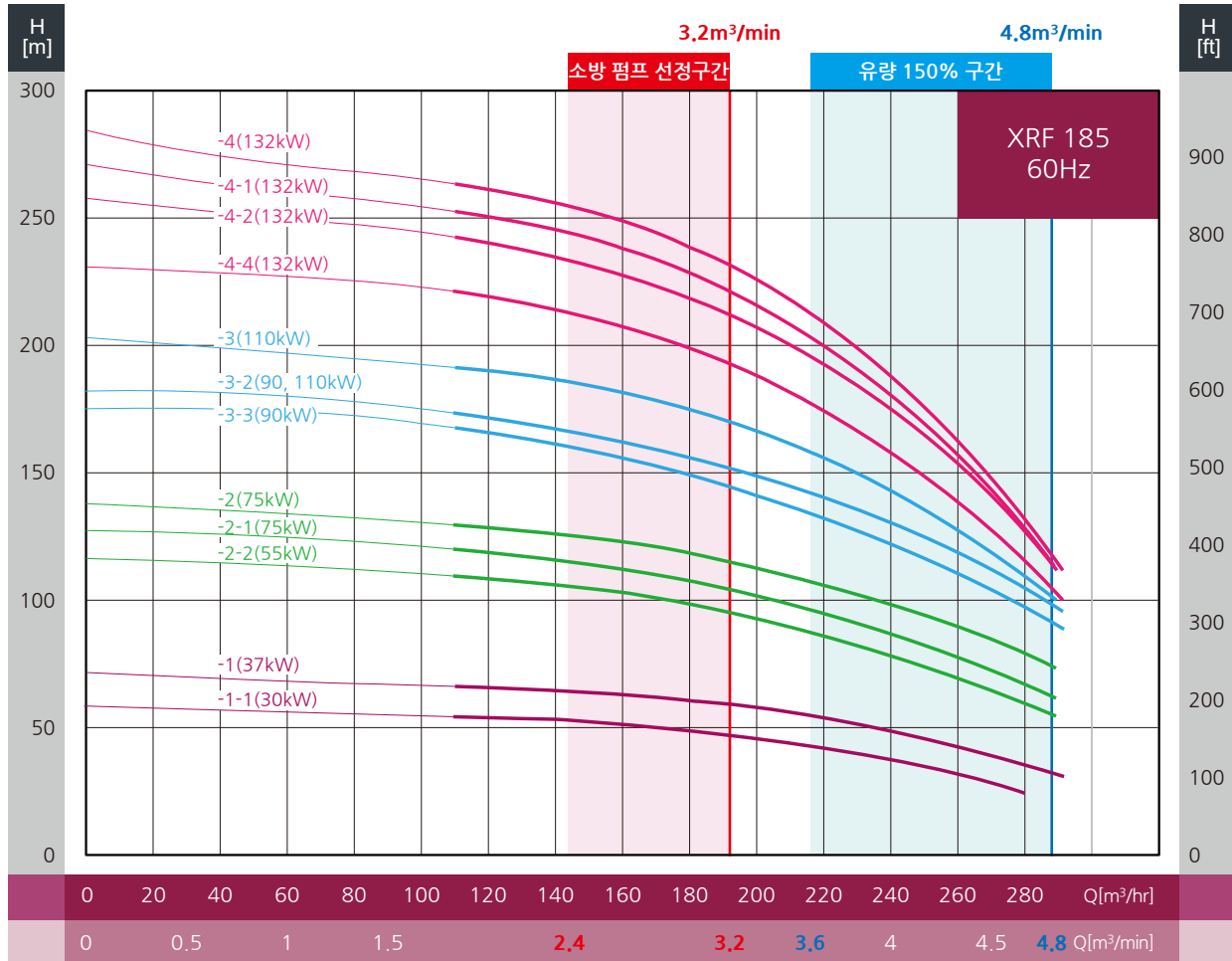
▶ 외형치수 및 중량

모 델 명	동 력		흡입/토출 구경	압력등급		외형 치수 (mm)					중 량 (kg)
	kW	HP		흡입	토출	B1	B2	B1+B2	D1	D2	
XRF155-1-1A	15	20	DN150	PN16	PN16	783	480	1263	318	290	313
XRF155-1-1	18.5	25				783	525	1308	318	290	319
XRF155-1A	22	30				783	570	1353	354	305	371
XRF155-1	30	40				783	610	1393	354	305	396
XRF155-2-2B	30	40				905	610	1515	354	305	410
XRF155-2-2A	37	50				905	690	1595	404	370	477
XRF155-2-2	37	50				905	690	1595	404	370	477
XRF155-2-1A	45	60				935	670	1605	404	370	486
XRF155-2-1	45	60				935	670	1605	404	370	486
XRF155-2A	45	60				935	670	1605	404	370	486
XRF155-2	55	75				935	685	1620	457	457	597
XRF155-3-3	55	75				1057	685	1742	457	457	611
XRF155-3-2	75	100				1057	760	1817	512	450	783
XRF155-3-1	75	100				1057	760	1817	512	450	783
XRF155-3	75	100				1057	760	1817	512	450	783
XRF155-4-3	75	100			PN25	1179	760	1939	512	450	797
XRF155-4-2	90	120				1189	800	1989	512	450	857
XRF155-4-1	90	120				1189	800	1989	512	450	857
XRF155-4	90	120				1189	800	1989	512	450	868
XRF155-5-2	110	150				1311	925	2236	578	518	1102

※ 표기된 중량은 모터와 펌프중량이 합산된 자료입니다.

입형다단 원심펌프 XRF 185 SERIES

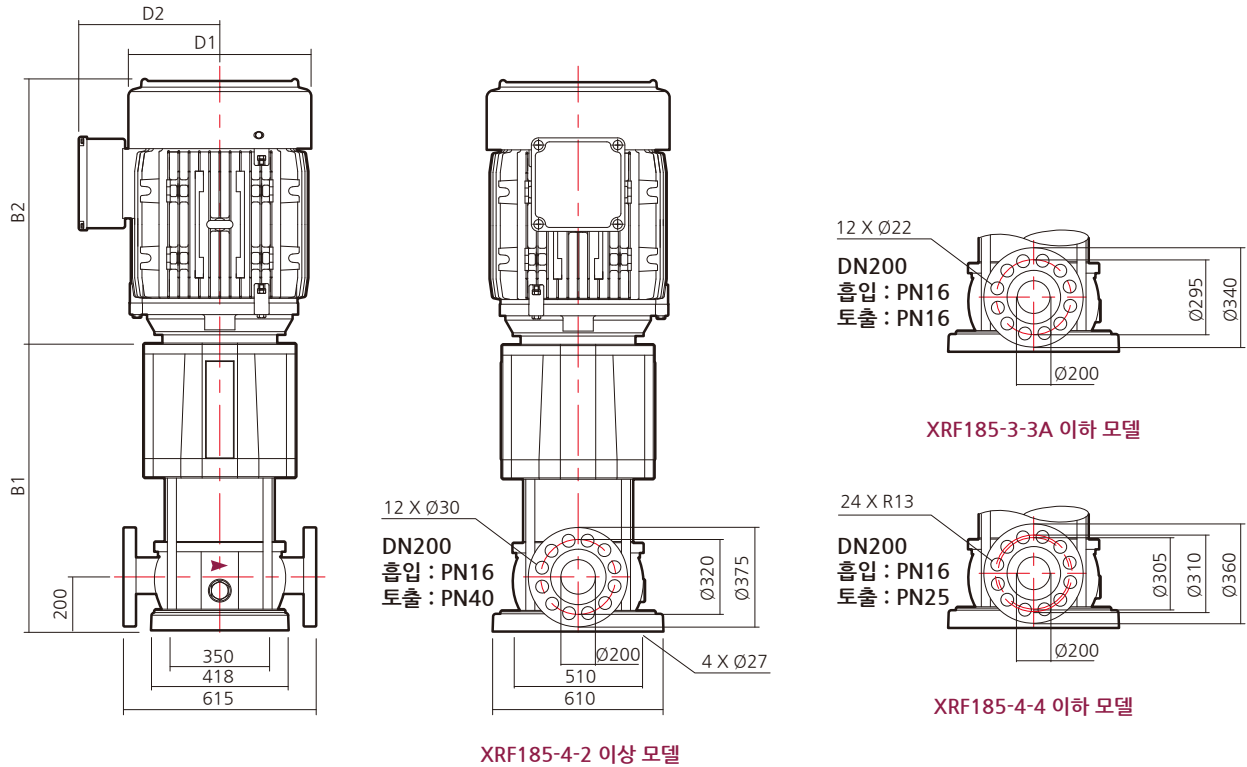
▶ 성능곡선도



입형다단 원심펌프 XRF 185 SERIES



외형도



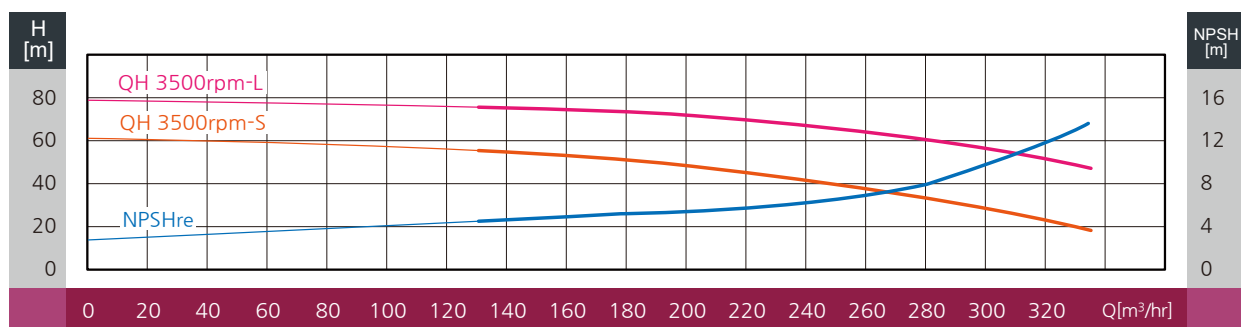
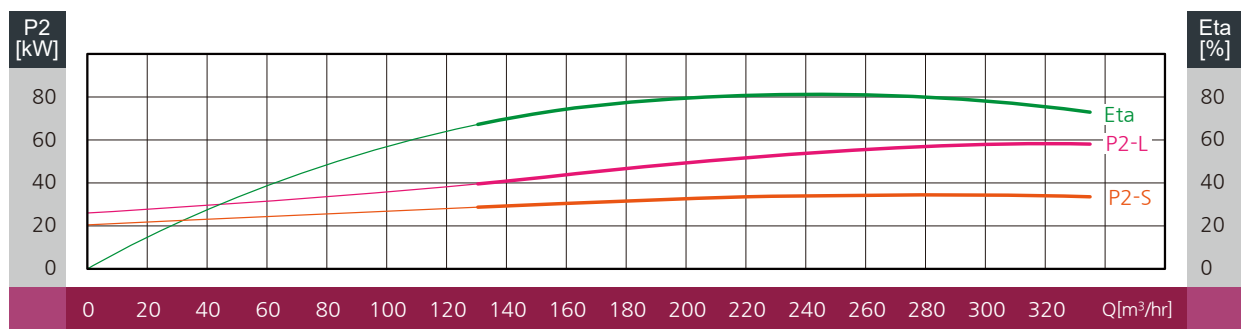
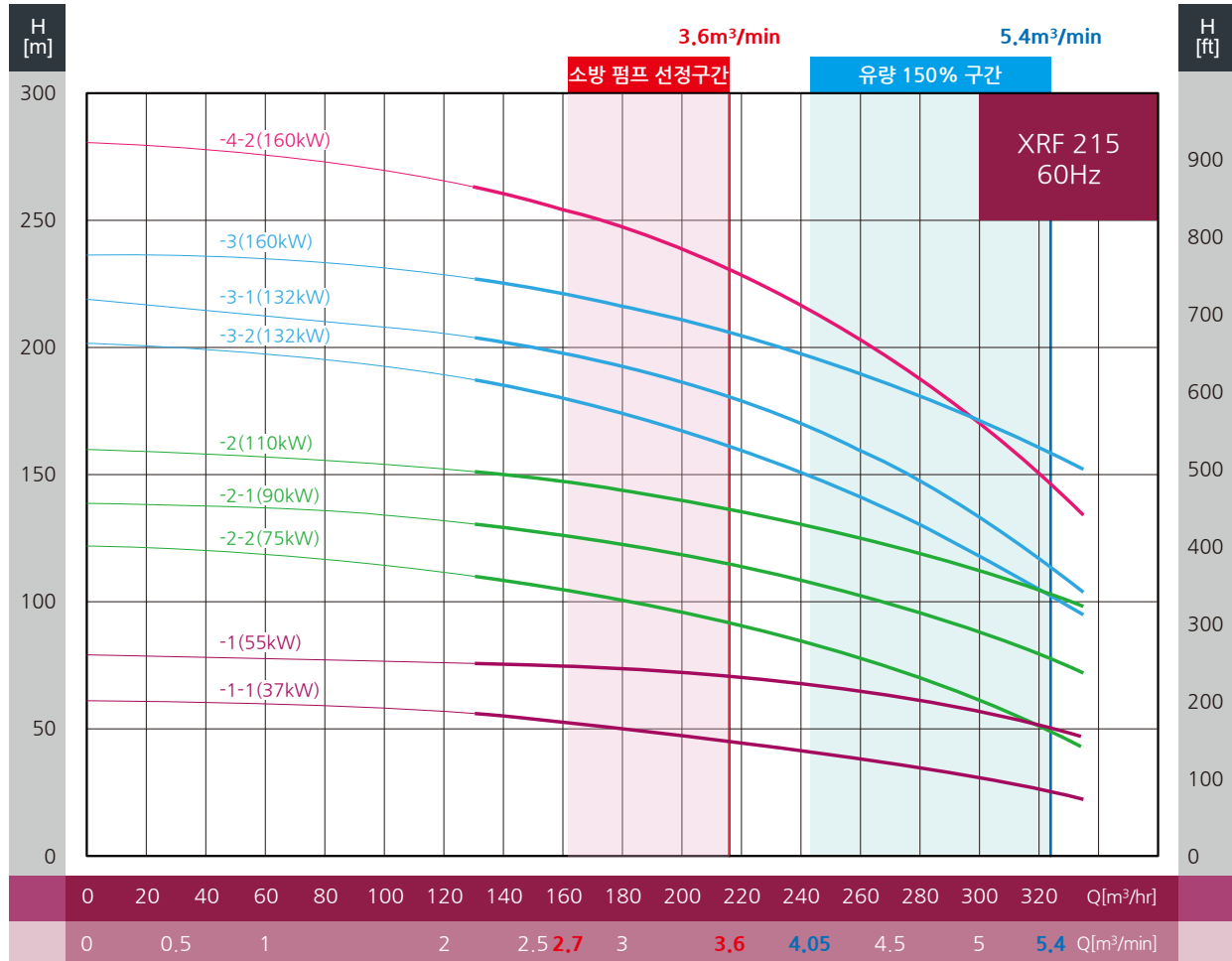
외형치수 및 중량

모 델 명	동 력		흡입/토출 구경	압력등급		외형 치수 (mm)					중 량 (kg)
	kW	HP		흡입	토출	B1	B2	B1+B2	D1	D2	
XRF185-1-1C	18.5	25	DN200	PN16	PN16	868	525	1393	318	290	392
XRF185-1-1B	22	30				868	570	1438	354	305	444
XRF185-1-1	30	40				868	610	1478	354	305	459
XRF185-1	37	50				868	690	1558	404	370	526
XRF185-2-2D	45	60				1026	670	1696	404	370	575
XRF185-2-2C	45	60				1026	670	1696	404	370	575
XRF185-2-2B	55	75				1026	685	1711	457	457	657
XRF185-2-2A	55	75				1026	685	1711	457	457	657
XRF185-2-2	55	75				1026	685	1711	457	457	657
XRF185-2-1	75	100				1026	760	1786	512	450	817
XRF185-2	75	100				1026	760	1786	512	450	817
XRF185-3-3A	75	100			PN25	1154	760	1914	512	450	830
XRF185-3-3	90	120				1154	800	1954	512	450	890
XRF185-3-2	90	120				1154	800	1954	512	450	890
	110	150				1184	925	2109	578	518	1150
XRF185-3	110	150				1184	925	2109	578	518	1150
XRF185-4-4A	110	150			PN40	1312	925	2237	578	518	1168
XRF185-4-4	132	175				1312	980	2292	578	525	1308
XRF185-4-2	132	175				1312	980	2292	578	525	1308

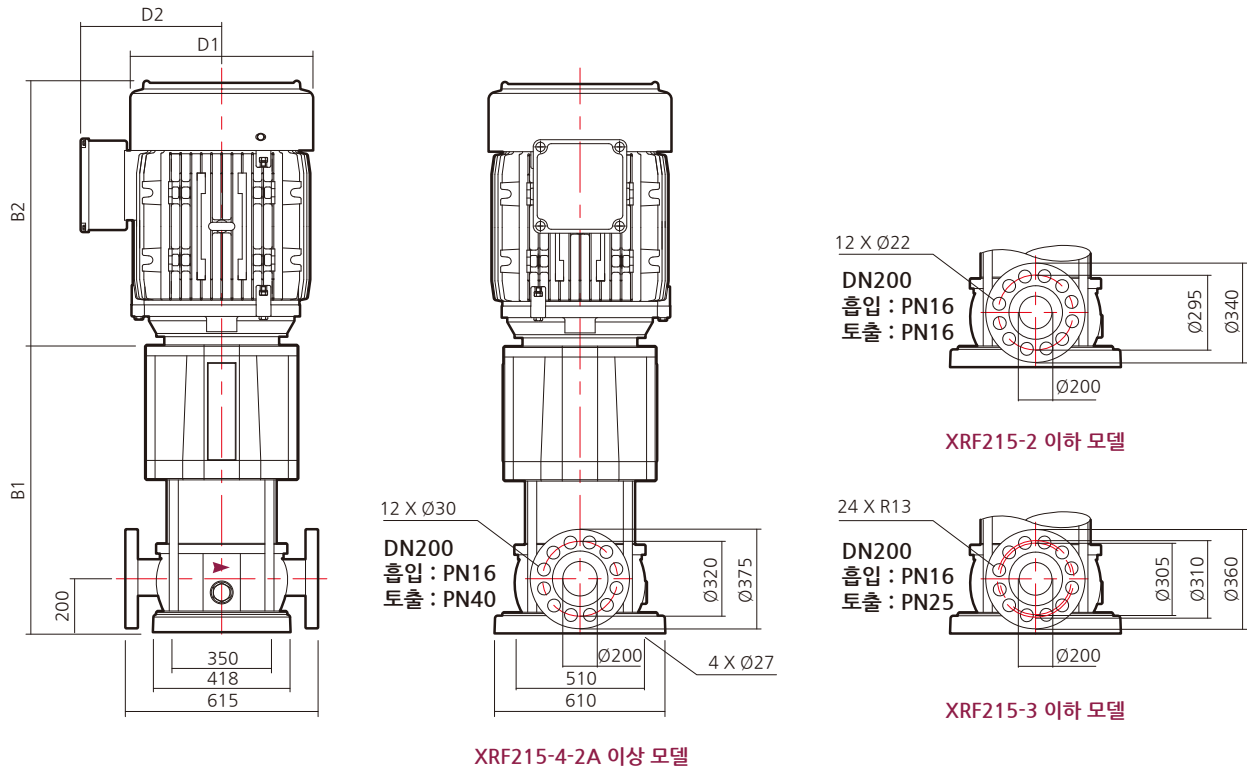
※ 표기된 중량은 모터와 펌프중량이 합산된 자료 입니다.

입형다단 원심펌프 XRF 215 SERIES

▶ 성능곡선도



▶ 외형도



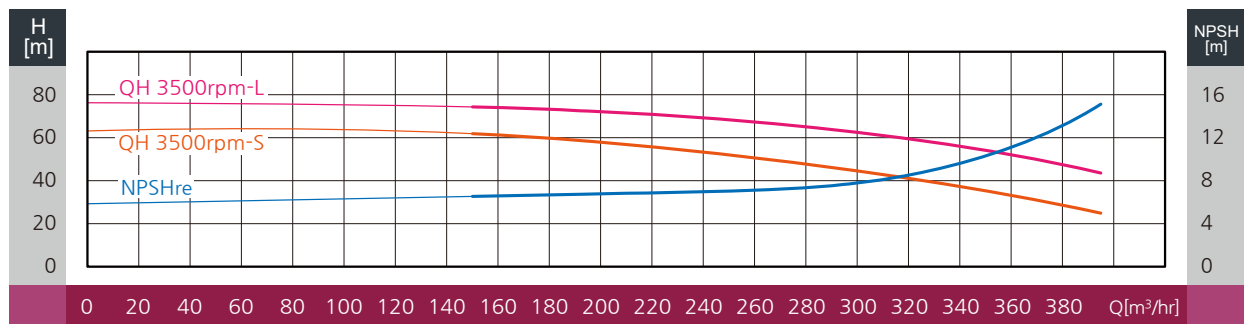
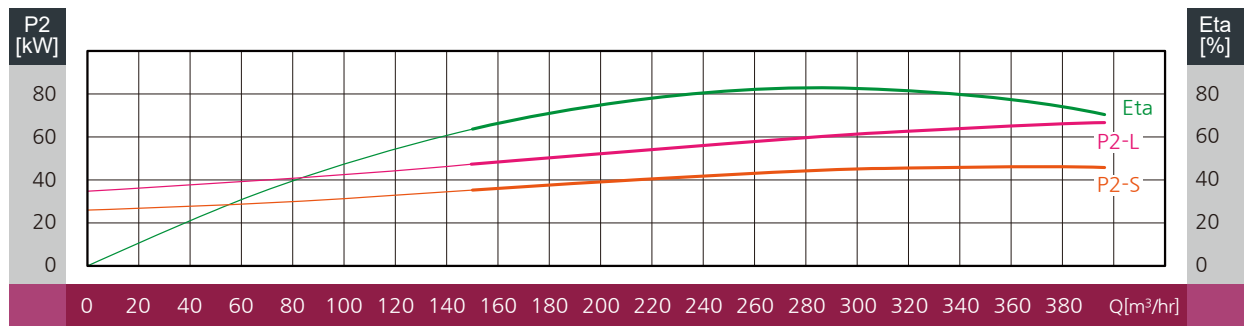
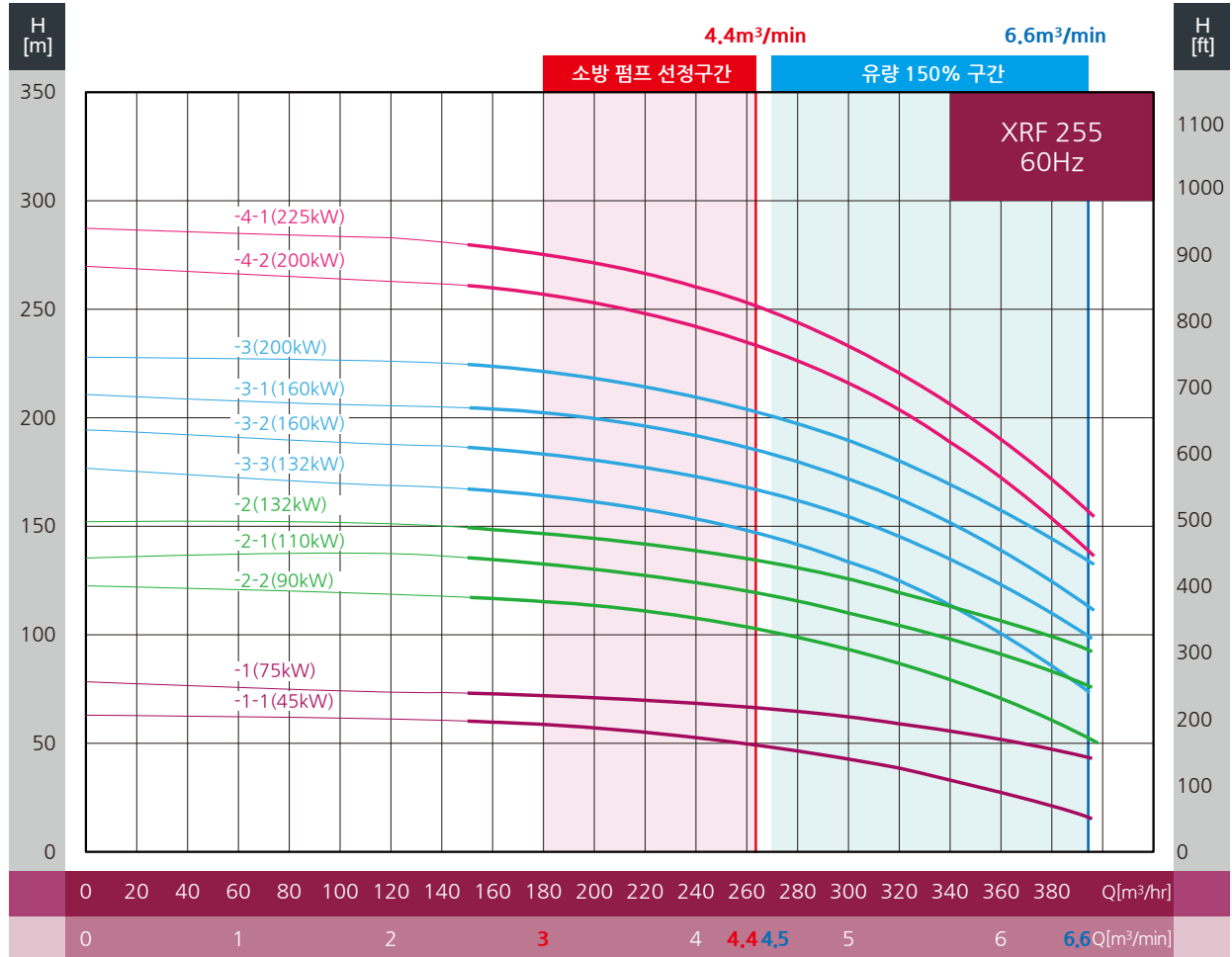
▶ 외형치수 및 중량

모 델 명	동 력		흡입/토출 구경	압력등급		외형 치수 (mm)					중 량 (kg)
	kW	HP		흡입	토출	B1	B2	B1+B2	D1	D2	
XRF215-1-1C	22	30	DN200	PN16	PN16	868	570	1438	354	305	444
XRF215-1-1B	30	40				868	610	1478	354	305	459
XRF215-1-1A	30	40				868	610	1478	354	305	459
XRF215-1-1	37	50				868	690	1558	404	370	526
XRF215-1B	45	60				898	670	1568	404	370	539
XRF215-1A	45	60				898	670	1568	404	370	539
XRF215-1	55	75				898	685	1583	457	457	639
XRF215-2-2	75	100				1026	760	1786	512	450	817
XRF215-2-1A	75	100				1026	760	1786	512	450	817
XRF215-2-1	90	120				1026	800	1826	512	450	877
XRF215-2	110	150				1056	925	1981	578	518	1132
XRF215-3-2A	110	150			PN25	1184	925	2109	578	518	1150
XRF215-3-2	132	175				1184	980	2164	578	525	1290
XRF215-3-1	132	175				1184	980	2164	578	525	1290
XRF215-3	160	215				1184	1130	2314	578	525	1420
XRF215-4-2A	160	215			PN40	1312	1130	2442	578	525	1438

※ 표기된 중량은 모터와 펌프중량이 합산된 자료입니다.

입형다단 원심펌프 XRF 255 SERIES

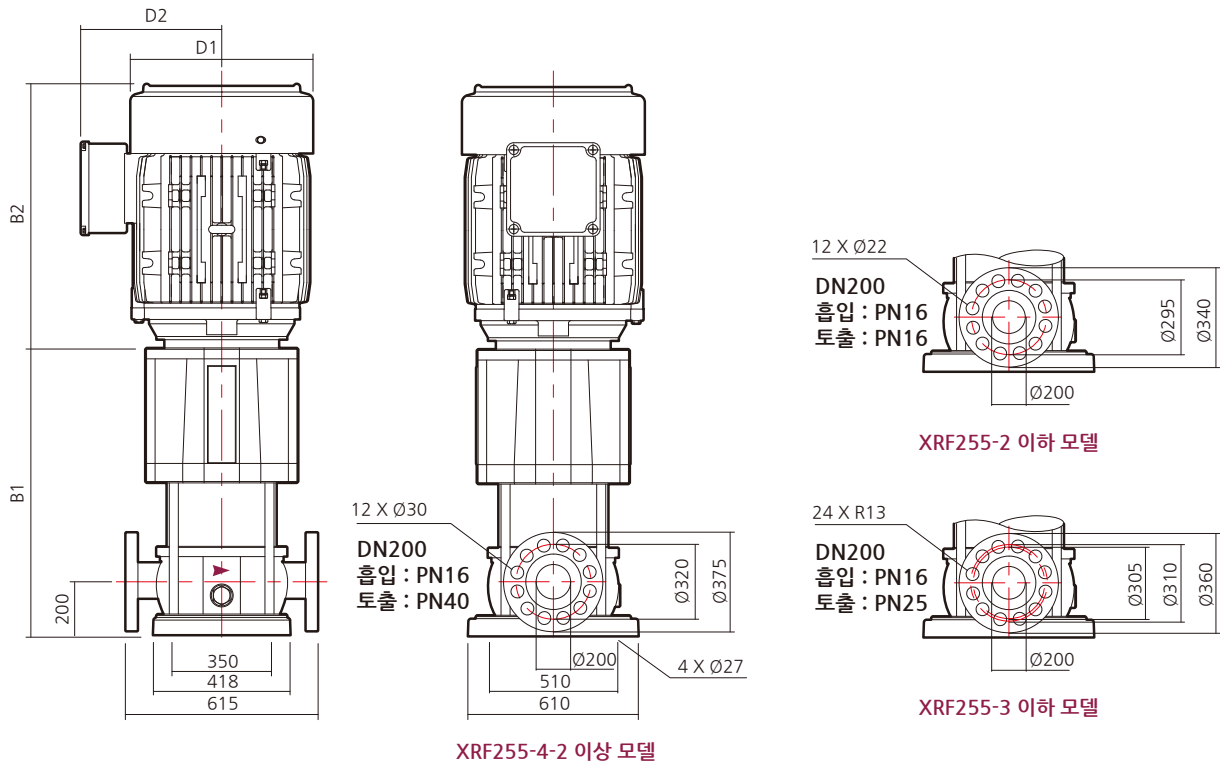
▶ 성능곡선도



입형다단 원심펌프 XRF 255 SERIES



외형도



외형치수 및 중량

모 델 명	동 력		흡입/토출 구경	압력등급		외형 치수 (mm)					중 량 (kg)
	kW	HP		흡입	토출	B1	B2	B1+B2	D1	D2	
XRF255-1-1A	37	50	DN200	PN16	PN16	868	690	1558	404	370	530
XRF255-1-1	45	60				898	670	1568	404	370	539
XRF255-1A	55	75				898	685	1583	457	457	639
XRF255-1	75	100				898	760	1658	512	450	799
XRF255-2-2D	55	75				1026	685	1711	457	457	657
XRF255-2-2C	75	100				1026	760	1786	512	450	817
XRF255-2-2B	75	100				1026	760	1786	512	450	817
XRF255-2-2A	75	100				1026	760	1786	512	450	817
XRF255-2-2	90	120				1026	800	1826	512	450	877
XRF255-2-1	110	150				1056	925	1981	578	518	1132
XRF255-2A	110	150				1056	925	1981	578	518	1132
XRF255-2	132	175				1056	980	2036	578	525	1272
XRF255-3-3	132	175			PN25	1184	980	2164	578	525	1290
XRF255-3-2A	132	175				1184	980	2164	578	525	1290
XRF255-3-2	160	215				1184	1130	2314	578	525	1420
XRF255-3-1	160	215				1184	1130	2314	578	525	1420
XRF255-3	200	268				1184	1130	2314	578	525	1420
XRF255-4-2	200	268			PN40	1352	1130	2482	578	525	1463
XRF255-4-1	225	300				1352	1292	2644	800	644	2063

※ 표기된 중량은 모터와 펌프중량이 합산된 자료입니다.

입형다단 원심펌프 - 충압펌프 XRF 5 SERIES



▶ 소방용 충압 보조펌프의 설치 목적

소화주배관의 압력을 상시 일정 수준 이상으로 유지하여 화재 시 소방주펌프가 기동하여 소화수를 공급하는데 소요되는 시간을 단축하는데 목적이 있습니다.

소방용 충압 보조 펌프는 옥내소화전설비 주배관내의 평상시 압력을 일정한 압력범위 이내로 유지하기 위하여, 배관 이음새, 체크밸브, 관부속 등으로 인한 누설 발생 시 주배관의 압력을 보충하기 위하여 설치하는 펌프입니다.

펌프 토출측 배관의 압력을 항시 일정한 압력이상으로 유지 시켜 줌으로써 화재발생 시 방출구로부터 즉각적으로 규정압력 이상의 소화수를 방출시킬 수 있도록 하여 초기에 화재진압이 가능하도록 하는 역할을 합니다.

▶ 소방용 충압 보조펌프의 용량 및 토출압력

옥내소화전설비의 화재안전기준에 명시된 규정에 의하면 기동용 수압개폐장치를 기동장치로 사용할 경우 충압펌프의 정격토출량은 정상적인 누설량보다 적어서는 안되며 스프링클러 또는 옥내소화전설비가 자동적으로 작동할 수 있도록 충분한 토출량을 유지하도록 되어 있습니다.

국내법의 경우 펌프의 정격토출압력은 최고위 토출구의 자연압 보다 2kg/㎤ 더 크게 하거나 가압송수장치의 정격토출압력과 같게 하도록 규정되어 있습니다.

NFPA(전미방화협회)에서는 허용누설량을 10분안에 보충할 수 있는 용량으로서 최소 3.8LPM 이상으로 규정하고 있습니다.

소방용 충압펌프의 작동압력은 주 펌프의 작동압력보다 높아야하며, 정지 압력은 주펌프의 정지 압력보다 낮아야 합니다.

권장 유량 60LPM (3.6m³/hr)

▶ 두크 소방용 충압 보조펌프 선정표

Q (m³/min)	H (m)	25 미만	25~	35~	45~	55~	75~	105~	125~	145~	185~	225 (Max.275)
0.06		XRF 5-4 1.5	XRF 5-5 1.5	XRF 5-6 1.5	XRF 5-7 1.5	XRF 5-9 2.2	XRF 5-12 3.7	XRF 5-14 3.7	XRF 5-16 3.7	XRF 5-20 5.5	XRF 5-24 5.5	XRF 5-29 7.5

※ 선정표 확인 방법

1) H 는 양정(m)이며, Q는 유량(m³/min) 입니다. 2) 표안의 내용 표기는 펌프 모델
동력(kW) 입니다.

2) 충압펌프 선정은 해당 모델의 양정부터 상위모델의 양정 미만까지 선정 가능합니다.

입형다단 원심펌프 - 충압펌프 XRF 5 SERIES



▶ XRF 5 SERIES

XRF 5 시리즈는 비자흡식 입형 다단 원심펌프입니다.

설치 면적이 작아 기존방식의 소방펌프 보다 **탁월한 공간절약**이 (기존 소방 펌프 대비 약 80% 공간 절약) 가능합니다.

실린더, 축, 임펠러, 디퓨저를 비롯한 주요 구성품에 **스테인리스 재질이 적용되어 고착에 의한 위험이 없습니다.**

흡·토출구의 구경이 같고 일직선상에 위치하는 인라인 구조로 **배관 설치 작업이 간편**합니다.

유지 보수가 간편한 **카트리지 타입의 메카니컬 씰**이 표준으로 장착되어 **소음, 진동이 적고 우수한 내구성**을 유지합니다.

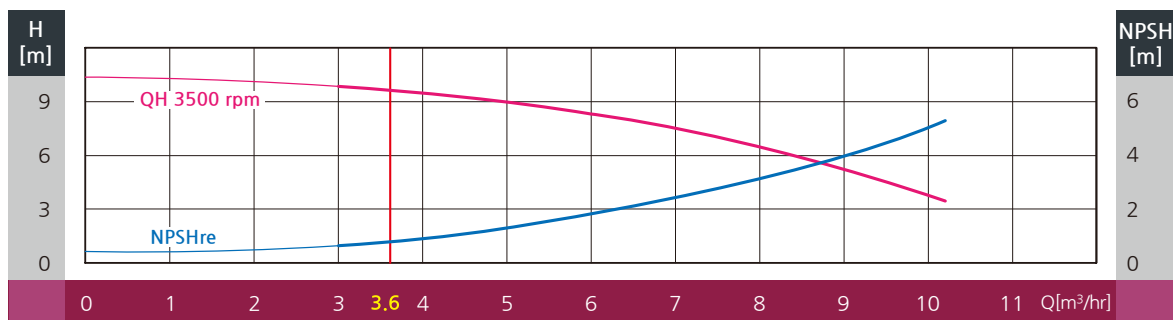
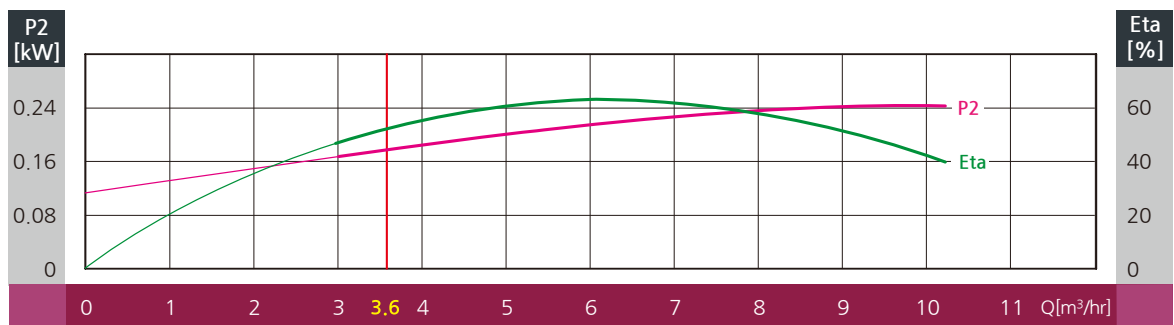
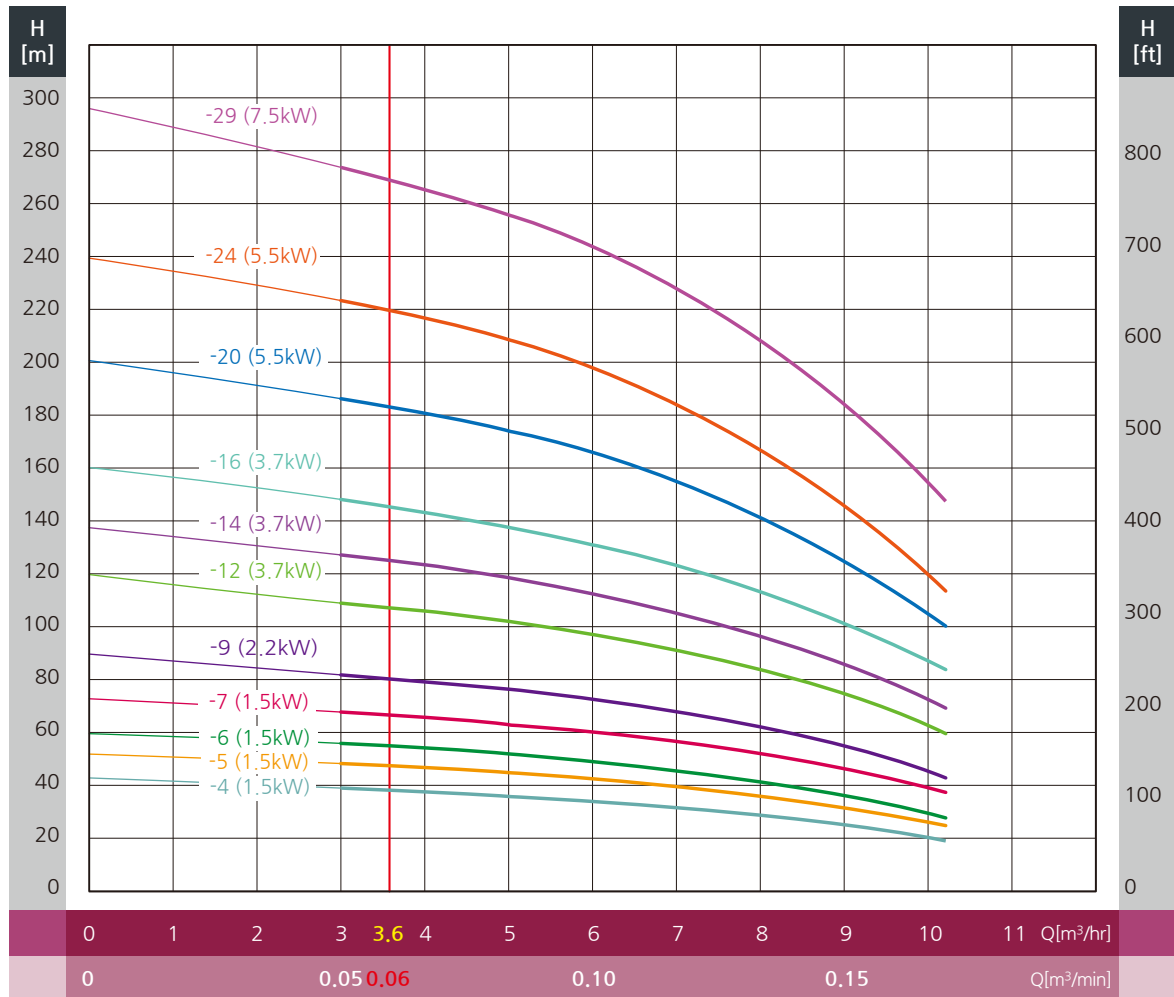


모 델 명	유량 (m ³ /hr)	최대 양정 (m)	동력 (kW)	흡입/토출 구경
XRF 5-4	3~10.2	40	1.5	DN32/DN32
XRF 5-5		51	1.5	
XRF 5-6		60	1.5	
XRF 5-7		72	1.5	
XRF 5-9		89	2.2	
XRF 5-12		119	3.7	
XRF 5-14		138	3.7	
XRF 5-16		161	3.7	
XRF 5-20		200	5.5	
XRF 5-24		239	5.5	
XRF 5-29		295	7.5	

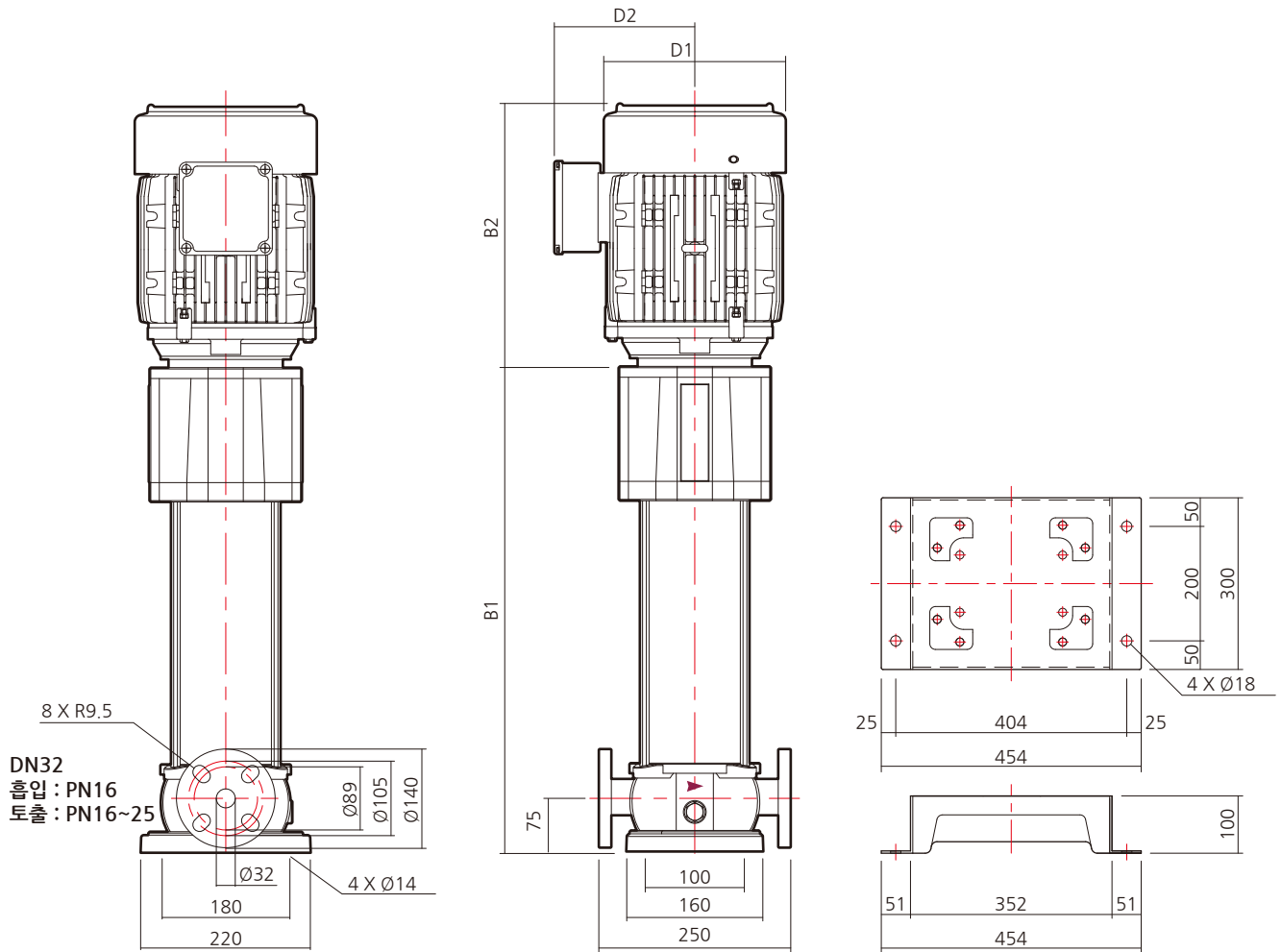
입형다단 원심펌프 XRF 5 SERIES



▶ 성능곡선도



외형도



내진베이스(옵션)

외형치수 및 중량

모 델 명	동 력		흡입/토출 구경	압력등급	외형 치수 (mm)					중 량 (kg)
	kW	HP			B1	B2	B1+B2	D1	D2	
XRF 5-4	1.5	2	DN32	PN16	421	285	706	183	143	52
XRF 5-5	1.5	2			448	285	733	183	143	53
XRF 5-6	1.5	2			475	285	760	183	143	53
XRF 5-7	1.5	2			502	285	787	183	143	54
XRF 5-9	2.2	3			556	285	841	183	143	55
XRF 5-12	3.7	5			637	330	967	227	180	76
XRF 5-14	3.7	5			691	330	1021	227	180	77
XRF 5-16	3.7	5			745	330	1075	227	180	78
XRF 5-20	5.5	7.5		PN25	883	372	1255	270	202	94
XRF 5-24	5.5	7.5			991	372	1363	270	202	96
XRF 5-29	7.5	10		PN40	1126	372	1498	270	202	98

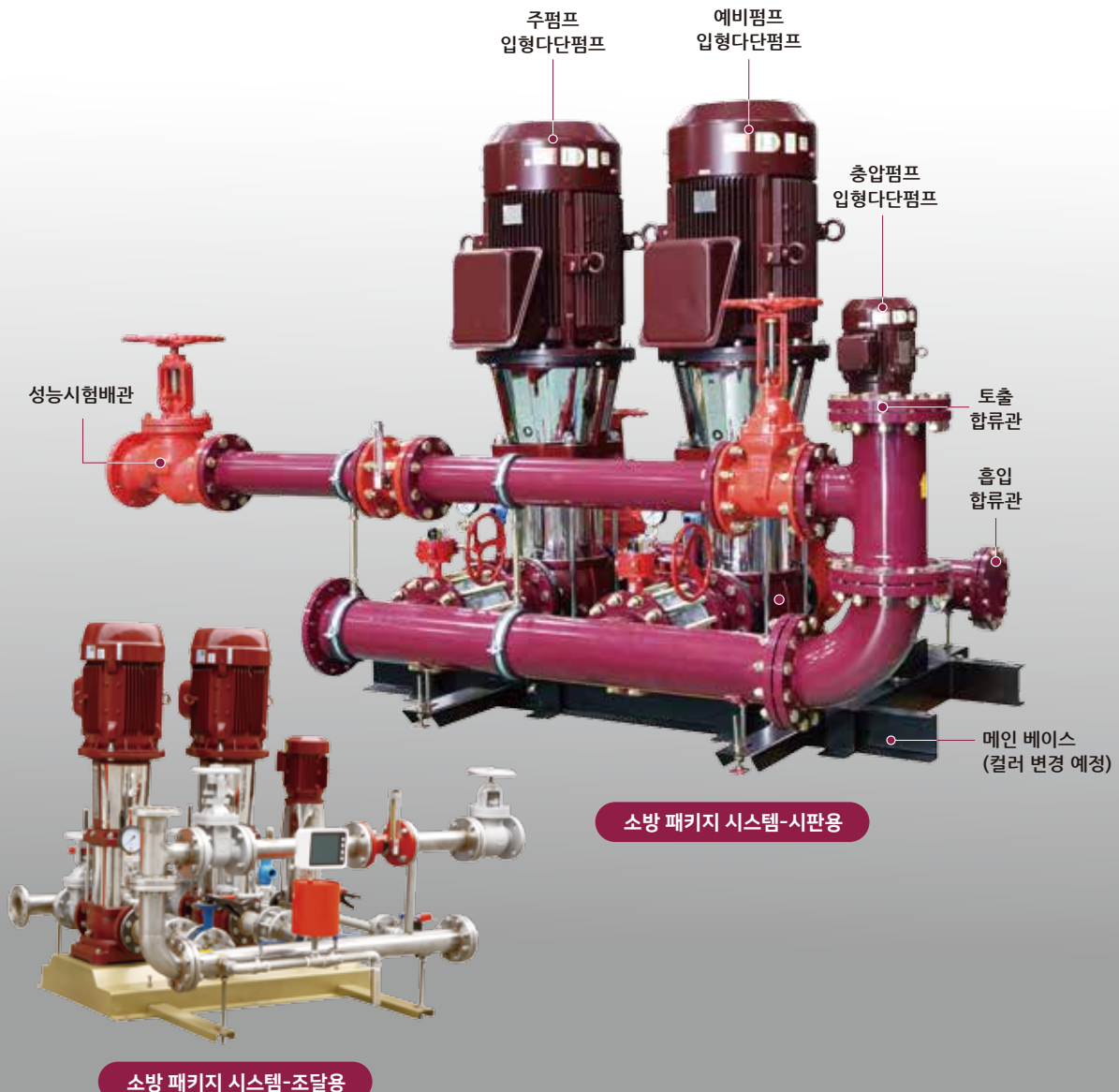
※ 표기된 중량은 모터와 펌프중량이 합산된 자료입니다.

OSC 공법기반 소방 패키지 시스템

▶ 특징점

1. **OSC 공법**에 최적화 된 소방 패키지 시스템
2. **소방 주펌프와 예비펌프, 충압펌프가 하나의 시스템**으로 이루어져 흡·토출 합류관, 성능시험배관, 밸브, 내진베이스 등이 일체형으로 이루어진 차세대 시스템입니다.
3. 각 펌프는 부식 및 고착에 강한 스테인리스 재질의 입형다단 원심펌프가 적용되어 뛰어난 시스템 안정성을 보장합니다.
4. 각 펌프가 하나의 시스템으로 이루어져 설치 공정이 쉬우며, 배관 설비가 간단하여 빠른 설치가 가능합니다.
5. 소방 시스템별 내진설계 적용으로 별도의 방진가대 및 내진스토퍼가 필요하지 않습니다. (구조 검토서 제공)

▶ 3FS(T)(P) XRF 10~255 SERIES



※ 본 카탈로그의 내용과 제품의 공급 범위는 제품의 품질향상을 위하여 예고없이 변경될 수 있습니다.
※ 소방전용 컨트롤러 내장된 모니터링 패널은 추후 공급예정입니다.

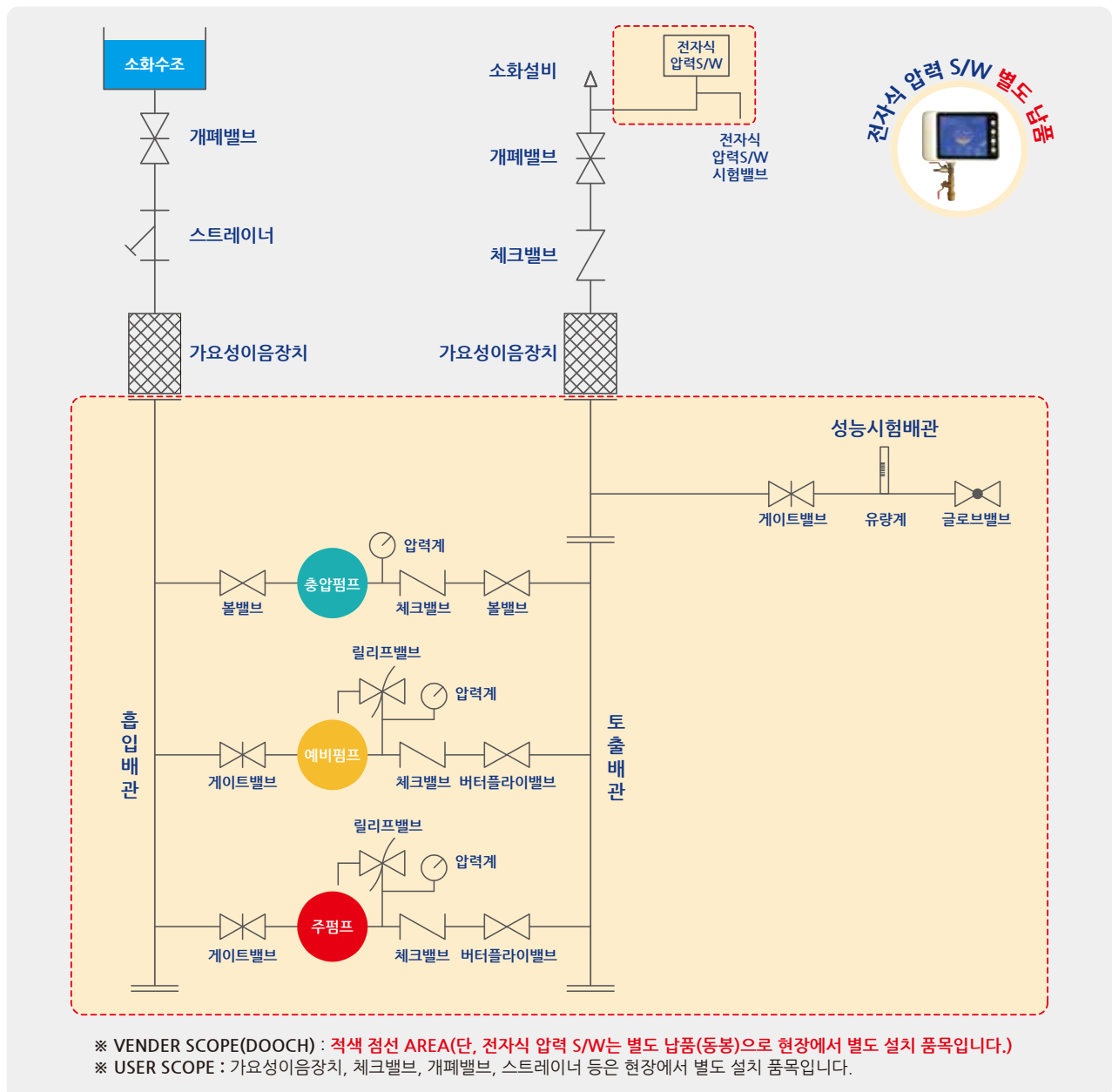
▶ 표시형식

3 FS T P - XRF 155-2(55kW) - 150A - XRF 5-12(3.7kW)

① ② ③ ④ ⑤ ⑥ ⑦

- ① 총 펌프 대수 3 : 주펌프 1대 + 예비펌프 1대 + 충압펌프 1대
- ② 모델명 : 소방 패키지 시스템
- ③ T표기 : 비조달용 제품 / T미표기 : 조달용 제품
- ④ P표기 : 소방전용 컨트롤러 내장된 모니터링 패널 적용(후후 공급예정) / P미표기 : 패널 미적용
- ⑤ 주펌프, 예비펌프 모델명(모터동력)
- ⑥ 메인 흡·토출 배관 구경
- ⑦ 충압펌프 모델명(모터동력)

▶ 계통도와 공급 범위



OSC (OFF-SITE-CONSTRUCTION) 공법

▶ OSC 공법이란?

달현장생산시스템 (Off-Site-Construction)을 뜻하는 말로 기존의 현장 생산 시스템에서 벗어나 생산 시스템의 다변화를 통해 산업의 효율성을 극대화시키는 공법으로 건설산업 생산성 혁신을 위한 대표적 기술로 글로벌 건설산업 분야에서 각광받고 있습니다.

OSC 공법은 현장에서 모든 공사가 이루어지는 기존의 건축방식을 탈피한 방식으로 현장과 공장에서 동시에 공정이 진행되며, 공장에서 생산된 모듈을 현장에서 조립하는 방식으로 현장에서 기초공사가 진행되는 동안 **건축물의 70~80%를 공장에서 제작**합니다.

또한 날씨나 선/후 공정의 지연등에 영향을 받지 않고 현장에서는 간단한 조립과정만 거치기 때문에 용접, 절단 작업등 **안전사고의 우려가 있는 공정을 최소화**할 수 있습니다. 현장의 작업이 감소하는 만큼 **기존 방식의 40%의 폐기물 발생량이 5%까지 감소**합니다.

▶ OSC 도입 배경

배 경

- 기능 인력의 고령화
- 외국인 근로자의 증가
- 저숙련 근로자의 증가
- 52시간 근무제 도입 등 노무관리 문제 부각

문제점

- 전반적인 품질의 저하
- 안전 사고의 증가
- 공사 기간의 증가
- 현장 관리 비용의 증가

OSC 공법 도입

- 전문 인력 제작으로 품질 안정
- 위험 작업 감소로 안전사고 예방
- 사전 제작으로 공사 기간 단축
- 전체 공사비 절감
- 폐기물 감소

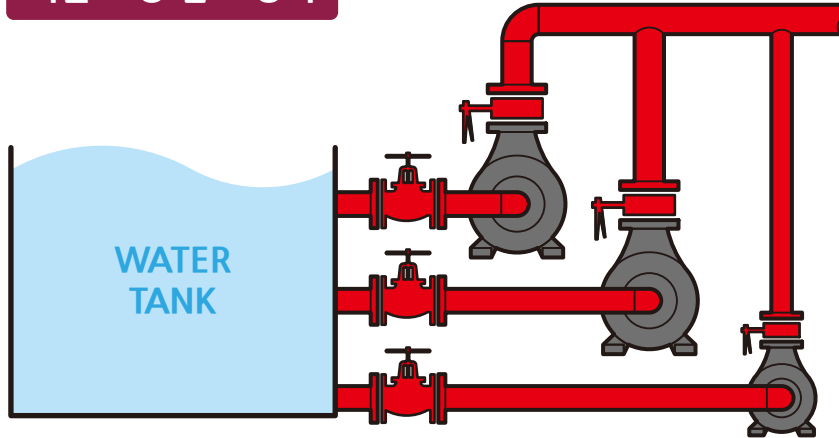
▶ 공법별 공사기간 비교



OSC 방식의 공법으로 진행 할 경우 공사기간 50~60여일 단축됩니다.

▶ 왜 두크의 소방 패키지 시스템은 OSC 공법에 준하여 제작했는가?

기존 소방 펌프 방식



주펌프, 예비펌프, 충압펌프가 분리되어 있어 각 펌프마다 개별 배관 설비 및 부자재 필요.

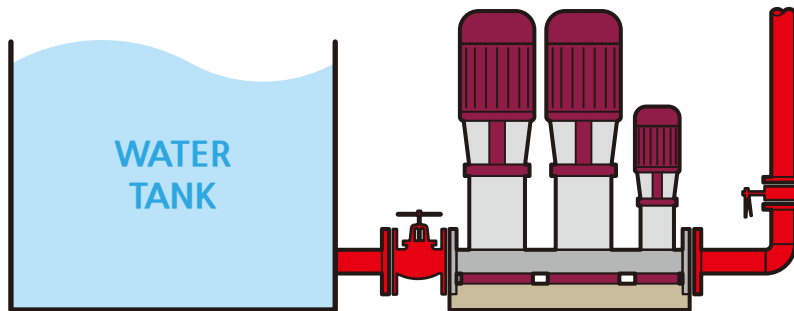
복잡한 배관 설비로 인해 오랜 시공기간 필요.

인건비, 부자재, 폐기물 처리 비용으로 높은 공사 비용 발생.

절단 및 용접작업 등 위험공정으로 안전사고 발생 위험 높음.

설치 면적이 넓어 공간 활용에 제약.

두크 OSC 기반 소방 패키지 방식



주펌프, 예비펌프, 충압펌프가 하나의 시스템으로 구성되어 배관 설비가 간편.

단순한 배관 설비로 공사기간 현저히 단축.

인건비, 부자재, 폐기물 절감으로 공사비 절감.

단순 볼팅작업만으로 설치 가능하여 안전사고 발생 위험 저감.

적은 설치면적(기존대비 약 50% 절감)으로 공간 활용도 증가

▶ 기존 소방 펌프와 두크 소방 패키지 시스템 비교

항 목	OSC 공법 적용 두크 소방 패키지 시스템	기존 공법 소방 펌프	비 교
공사기간 단축	당일 설치 가능	10일 이상 소요	9일 이상 감소
공사비용 절감	2인 1일 작업 단순 볼팅 작업만으로 설치	4인 10일 작업 현장 배관작업에 따른 자재낭비	평균 1,000만원 감소 (안전 관리 인원 인건비용 별도)
폐기물 저감	폐기물 없음	폐자재, 용접 부산물 등 각종 폐기물 발생	40% → 5%로 감소
안전사고 예방	위험 공정이 없음	용접, 절단 작업 등 고위험 공정	안전사고 발생 확률 낮음
공간 활용	설치공간 감소	넓은 설치공간 필요	설치공간 50% 이상 감소

소방 패키지 시스템은 제작부터 반입까지 모든것이 특별합니다!

OSC 공법에 최적화된 소방 패키지 시스템에 인양 구조물을 적용하여 더 신속하고 안전하게 현장에 반입 시킬 수 있습니다.



반입 설치 후
철거용이



신속하고
안전하게 반입



45번 시리즈부터
전모델 적용가능



고층 빌딩,
공장 반입 가능



※ 반입을 위한 인양 구조물 적용은 옵션 사항입니다.

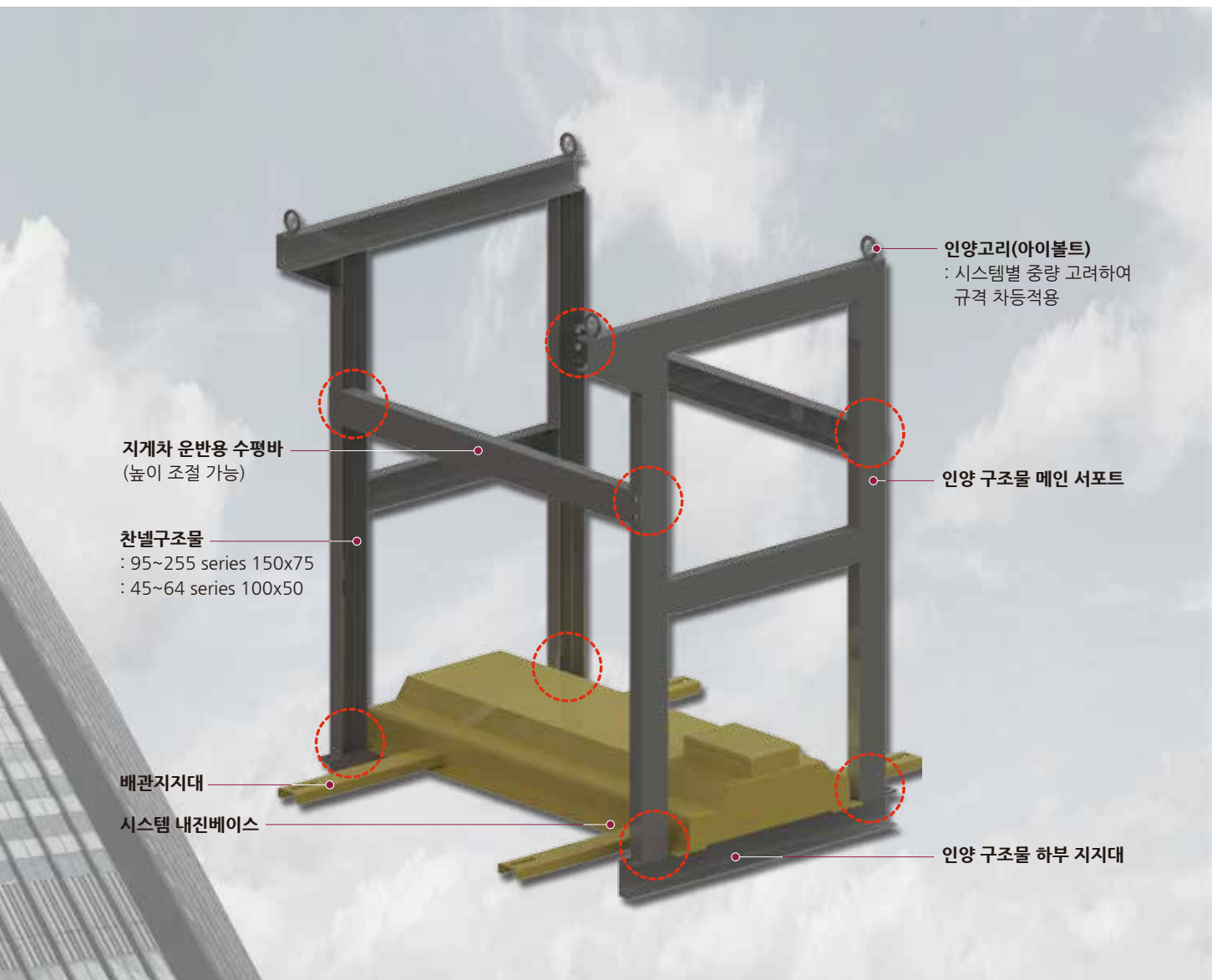
▶ 소방 패키지 시스템 & 인양 구조물 전체 중량

시리즈	시스템 중량 (Kg)	구조물 중량 (Kg)	합계 중량 (Kg)	인양고리 (아이볼트)	
				규격 x 수량	허용중량 (Kgf)
3FS(T)(P)-XRF45	1340	175	1515	M24 x 4	1900
3FS(T)(P)-XRF64	1398	175	1573	M24 x 4	1900
3FS(T)(P)-XRF95	2050	160	2210	M30 x 4	3000
3FS(T)(P)-XRF125	2624	190	2814	M30 x 4	3000
3FS(T)(P)-XRF155	3066	190	3256	M30 x 4	3000
3FS(T)(P)-XRF185	3840	230	4070	M36 x 4	4600
3FS(T)(P)-XRF215	4100	230	4330	M36 x 4	4600
3FS(T)(P)-XRF255	5350	230	5580	M36 x 4	4600

※인양고리 허용중량은 45° 매달기 기준입니다.

※시스템 중량은 염가형 효성모터 및 스테인리스 배관 적용 기준입니다.

▶ 인양 구조물 구성



※점선으로 표시된 부위는 볼트로 체결되는 부분입니다.

소방 패키지 시스템 - 소방 선정표

FS(T) SERIES

H (m)	140%	3FS-XRF10(7.8~10.2m³/hr)			3FS-XRF15 (15.6~18m³/hr)	3FS-XRF20 (18~22.8m³/hr)	3FS-XRF32 (21~31.2m³/hr)
	65%						
215	301 139.8	3FST-XRF10-17/5-24-40A 11/1.5	3FST-XRF10-17/5-24-40A 11/1.5	3FST-XRF10-17/5-24-40A 11/1.5	3FST-XRF15-12/5-24-50A 18.5/5.5	3FST-XRF15-12/5-24-50A 18.5/5.5	3FST-XRF32-9/5-24-65A 30/5.5
210	294 136.5						
205	287 133.3						3FST-XRF32-8/5-24-65A 22/5.5
200	280 130						
195	273 126.8	3FST-XRF10-14/5-24-40A 11/5.5					
190	266 123.5		3FST-XRF10-14/5-24-40A 11/5.5				3FST-XRF20-10/5-24-50A 18.5/5.5
185	259 120.3				3FST-XRF15-10/5-24-50A 15/5.5		
180	252 117	3FST-XRF10-14/5-20-40A 11/5.5	3FST-XRF10-14/5-20-40A 11/5.5	3FST-XRF10-14/5-20-40A 11/5.5	3FST-XRF15-10/5-20-50A 15/5.5	3FST-XRF15-10/5-20-50A 15/5.5	3FST-XRF20-10/5-20-50A 18.5/5.5
175	245 113.8						
170	238 110.5	3FST-XRF10-12/5-20-40A 7.5/5.5	3FST-XRF10-12/5-20-40A 7.5/5.5				3FST-XRF20-9/5-20-50A 15/5.5
165	231 107.3						
160	224 104				3FST-XRF15-9/5-20-50A 11/5.5		
155	217 100.8			3FST-XRF10-12/5-20-40A 7.5/5.5		3FST-XRF15-9/5-20-50A 11/5.5	
150	210 97.5						3FST-XRF20-8/5-20-50A 15/5.5
145	203 94.3						
140	196 91	3FST-XRF10-10/5-16-40A 5.5/3.7	3FST-XRF10-12/5-16-40A 7.5/3.7	3FST-XRF10-12/5-16-40A 7.5/3.7	3FST-XRF15-9/5-16-50A 11/3.7	3FST-XRF15-9/5-16-50A 11/3.7	3FST-XRF20-8/5-16-50A 15/3.7
135	189 87.8		3FST-XRF10-10/5-16-40A 5.5/3.7		3FST-XRF15-8/5-16-50A 11/3.7	3FST-XRF15-8/5-16-50A 11/3.7	
130	182 84.5			3FST-XRF10-10/5-16-40A 5.5/3.7			3FST-XRF20-7/5-16-50A 15/3.7
125	175 81.3	3FST-XRF10-9/5-16-40A 5.5/3.7	3FST-XRF10-9/5-16-40A 5.5/3.7				
120	168 78	3FST-XRF10-9/5-14-40A 5.5/3.7	3FST-XRF10-9/5-14-40A 5.5/3.7	3FST-XRF10-10/5-14-40A 5.5/3.7	3FST-XRF15-8/5-14-50A 11/3.7	3FST-XRF15-8/5-14-50A 11/3.7	3FST-XRF20-7/5-14-50A 15/3.7
115	161 74.8	3FST-XRF10-8/5-14-40A 5.5/3.7		3FST-XRF10-9/5-14-40A 5.5/3.7	3FST-XRF15-7/5-14-50A 11/3.7	3FST-XRF15-7/5-14-50A 11/3.7	
110	154 71.5		3FST-XRF10-8/5-14-40A 5.5/3.7				3FST-XRF20-6/5-14-50A 11/3.7
105	147 68.3			3FST-XRF10-8/5-14-40A 5.5/3.7	3FST-XRF15-6/5-14-50A 7.5/3.7		
100	140 65	3FST-XRF10-8/5-12-40A 5.5/3.7	3FST-XRF10-8/5-12-40A 5.5/3.7	3FST-XRF10-8/5-12-40A 5.5/3.7	3FST-XRF15-6A/5-12-50A 7.5/3.7	3FST-XRF15-6/5-14-50A 7.5/3.7	3FST-XRF20-6/5-12-50A 11/3.7
95	133 61.8	3FST-XRF10-7/5-12-40A 5.5/3.7				3FST-XRF15-6A/5-12-50A 7.5/3.7	
90	126 58.5		3FST-XRF10-7/5-12-40A 5.5/3.7		3FST-XRF15-5/5-12-50A 7.5/3.7		3FST-XRF20-5/5-12-50A 11/3.7
85	119 55.3	3FST-XRF10-6/5-12-40A 3.7/3.7		3FST-XRF10-7/5-12-40A 5.5/3.7		3FST-XRF15-5/5-12-50A 7.5/3.7	
80	112 52		3FST-XRF10-6/5-12-40A 3.7/3.7				
75	105 48.8			3FST-XRF10-6/5-12-40A 3.7/3.7			3FST-XRF20-4/5-12-50A 7.5/3.7
70	98 45.5	3FST-XRF10-5/5-9-40A 3.7/2.2	3FST-XRF10-6/5-9-40A 3.7/2.2	3FST-XRF10-6/5-9-40A 3.7/2.2	3FST-XRF15-4/5-9-50A 5.5/2.2	3FST-XRF20-4A/5-9-50A 7.5/2.2	3FST-XRF20-4/5-9-50A 7.5/2.2
65	91 42.3		3FST-XRF10-5/5-9-40A 3.7/2.2	3FST-XRF10-5/5-9-40A 3.7/2.2		3FST-XRF15-4/5-9-50A 5.5/2.2	3FST-XRF20-4A/5-9-50A 7.5/2.2
60	84 39				3FST-XRF15-4A/5-9-50A 5.5/2.2	3FST-XRF15-4A/5-9-50A 5.5/2.2	3FST-XRF20-4B/5-9-50A 7.5/2.2
55	77 35.8	3FST-XRF10-4/5-9-40A 2.2/2.2					3FST-XRF20-3/5-9-50A 5.5/2.2
50	70 32.5	3FST-XRF10-4/5-7-40A 2.2/1.5	3FST-XRF10-4/5-7-40A 2.2/1.5	3FST-XRF10-4/5-7-40A 2.2/1.5	3FST-XRF15-3/5-7-50A 3.7/1.5	3FST-XRF15-3/5-7-50A 3.7/1.5	3FST-XRF20-3A/5-7-50A 5.5/1.5
45	63 29.3						
40	56 26	3FST-XRF10-3/5-6-40A 2.2/1.5	3FST-XRF10-3/5-6-40A 2.2/1.5	3FST-XRF10-3/5-6-40A 2.2/1.5	3FST-XRF15-3A/5-6-50A 3.7/1.5	3FST-XRF15-3A/5-6-50A 3.7/1.5	3FST-XRF32-2-2/5-6-65A 5.5/1.5
35	49 22.8	3FST-XRF10-3A/5-6-40A 1.5/1.5	3FST-XRF10-3A/5-6-40A 1.5/1.5		3FST-XRF15-2/5-6-50A 3.7/1.5	3FST-XRF15-2/5-6-50A 3.7/1.5	3FST-XRF20-2/5-6-50A 3.7/1.5
30	42 19.5	3FST-XRF10-3A/5-5-40A 1.5/1.5	3FST-XRF10-3A/5-5-40A 1.5/1.5	3FST-XRF10-3A/5-5-40A 1.5/1.5	3FST-XRF15-2/5-5-50A 3.7/1.5	3FST-XRF15-2/5-5-50A 3.7/1.5	3FST-XRF32-2-2A/5-5-65A 3.7/1.5
Q (m³/min)	100%	0.13	0.15	0.17	0.26	0.3	0.35
	150%	0.195	0.225	0.255	0.39	0.45	0.525

※ 선정표 확인 방법

- 1) H는 양정(m)이며, Q는 유량(m³/min)입니다. 2) 양정의 상단은 정격양정의 140%, 하단은 65%입니다. 3) 표안의 내용 표기는
4) FST 모델은 **탄소강(일반강재) 배관**, FS 모델은 **STS 배관**이 적용된 모델입니다.

주(예비)펌프 모델/총압펌프 모델-토출배관구경
주(예비)펌프 동력(kW)/총압펌프 동력(kW)입니다.

소방 패키지 시스템 - 소방 선정표

FS(T) SERIES



3FS-XRF32(21~31.2m³/hr)						140%	H (m)
			3FS-XRF45(27~48m³/hr)			65%	
3FST-XRF32-9/5-24-65A 30/5.5	3FST-XRF32-9/5-24-65A 30/5.5	3FST-XRF32-9/5-24-65A 30/5.5	3FST-XRF32-9/5-24-65A 30/5.5	3FST-XRF32-9/5-24-65A 30/5.5	3FST-XRF45-7/5-24-80A 37/5.5	301 139.8	215
						294 136.5	210
3FST-XRF32-8/5-24-65A 22/5.5	3FST-XRF32-8/5-24-65A 22/5.5	3FST-XRF32-8/5-24-65A 22/5.5			3FST-XRF45-6/5-24-80A 37/5.5	287 133.3	205
			3FST-XRF32-8/5-24-65A 22/5.5			280 130	200
						273 126.8	195
				3FST-XRF32-8/5-24-65A 22/5.5	3FST-XRF45-6-3/5-24-80A 30/5.5	266 123.5	190
3FST-XRF20-10/5-24-50A 18.5/5.5						259 120.3	185
3FST-XRF20-10/5-20-50A 18.5/5.5	3FST-XRF32-7/5-20-65A 18.5/5.5	3FST-XRF32-7/5-20-65A 18.5/5.5	3FST-XRF32-8/5-20-65A 22/5.5	3FST-XRF32-8/5-20-65A 22/5.5	3FST-XRF45-6-3/5-20-80A 30/5.5	252 117	180
			3FST-XRF32-7/5-20-65A 18.5/5.5			245 113.8	175
	3FST-XRF32-7-2/5-20-65A 18.5/5.5	3FST-XRF32-7-2/5-20-65A 18.5/5.5		3FST-XRF32-8-2/5-20-65A 22/5.5	3FST-XRF45-5/5-20-80A 30/5.5	238 110.5	170
3FST-XRF20-9/5-20-50A 15/5.5			3FST-XRF32-7-2/5-20-65A 18.5/5.5	3FST-XRF32-7/5-20-65A 22/5.5		231 107.3	165
					3FST-XRF45-5-2/5-20-80A 30/5.5	224 104	160
	3FST-XRF32-6/5-20-65A 18.5/5.5			3FST-XRF32-7-2/5-20-65A 18.5/5.5		217 100.8	155
		3FST-XRF32-6/5-20-65A 18.5/5.5	3FST-XRF32-6/5-20-65A 18.5/5.5		3FST-XRF45-5-3/5-20-80A 30/5.5	210 97.5	150
3FST-XRF20-8/5-20-50A 15/5.5	3FST-XRF32-6-1/5-20-65A 15/5.5	3FST-XRF32-6-1/5-20-65A 15/5.5				203 94.3	145
3FST-XRF20-8/5-16-50A 15/3.7	3FST-XRF32-6-2/5-16-65A 15/3.7	3FST-XRF32-6-2/5-16-65A 15/3.7	3FST-XRF32-6-1/5-16-65A 15/3.7	3FST-XRF32-6/5-16-65A 18.5/3.7	3FST-XRF45-5-3/5-16-80A 30/3.7	196 91	140
			3FST-XRF32-6-2/5-16-65A 15/3.7		3FST-XRF45-4/5-16-80A 22/3.7	189 87.8	135
				3FST-XRF32-6-2/5-16-65A 15/3.7		182 84.5	130
3FST-XRF20-7/5-16-50A 15/3.7	3FST-XRF32-5/5-16-65A 15/3.7	3FST-XRF32-5/5-16-65A 15/3.7			3FST-XRF45-4-3/5-16-80A 18.5/3.7	175 81.3	125
3FST-XRF20-7/5-14-50A 15/3.7	3FST-XRF32-5/5-14-65A 15/3.7	3FST-XRF32-5/5-14-65A 15/3.7	3FST-XRF32-5/5-14-65A 15/3.7	3FST-XRF32-5/5-14-65A 15/3.7	3FST-XRF45-4-3/5-14-80A 18.5/3.7	168 78	120
						161 74.8	115
	3FST-XRF32-5-2/5-14-65A 15/3.7	3FST-XRF32-5-2/5-14-65A 15/3.7	3FST-XRF32-5-2/5-14-65A 15/3.7			154 71.5	110
3FST-XRF20-6/5-14-50A 11/3.7				3FST-XRF32-5-2/5-14-65A 15/3.7		147 68.3	105
3FST-XRF20-6/5-12-50A 11/3.7	3FST-XRF32-4/5-12-65A 11/3.7	3FST-XRF32-4/5-12-65A 11/3.7	3FST-XRF32-4/5-12-65A 11/3.7	3FST-XRF32-5-2/5-12-65A 15/3.7	3FST-XRF45-3/5-12-80A 18.5/3.7	140 65	100
				3FST-XRF32-4/5-12-65A 11/3.7	3FST-XRF45-3-1/5-12-80A 15/3.7	133 61.8	95
3FST-XRF20-5/5-12-50A 11/3.7	3FST-XRF32-4-2/5-12-65A 11/3.7	3FST-XRF32-4-2/5-12-65A 11/3.7			3FST-XRF45-3-2/5-12-80A 15/3.7	126 58.5	90
			3FST-XRF32-4-2/5-12-65A 11/3.7	3FST-XRF32-4-1/5-12-65A 11/3.7		119 55.3	85
				3FST-XRF32-4-2/5-12-65A 11/3.7	3FST-XRF45-3-3A/5-12-80A 15/3.7	112 52	80
3FST-XRF20-4/5-12-50A 7.5/3.7	3FST-XRF32-3-1/5-12-65A 7.5/3.7	3FST-XRF32-3/5-12-65A 11/3.7				105 48.8	75
3FST-XRF20-4/5-9-50A 7.5/2.2	3FST-XRF32-3-1/5-9-65A 7.5/2.2	3FST-XRF32-3-1/5-9-65A 7.5/2.2	3FST-XRF32-3/5-9-65A 11/2.2	3FST-XRF32-3/5-9-65A 11/2.2	3FST-XRF45-3-3A/5-9-80A 15/2.2	98 45.5	70
3FST-XRF20-4A/5-9-50A 7.5/2.2	3FST-XRF32-3-2/5-9-65A 7.5/2.2	3FST-XRF32-3-2/5-9-65A 7.5/2.2	3FST-XRF32-3-2/5-9-65A 7.5/2.2		3FST-XRF45-2/5-9-80A 11/2.2	91 42.3	65
3FST-XRF20-4B/5-9-50A 7.5/2.2	3FST-XRF32-3-3/5-9-65A 7.5/2.2	3FST-XRF32-3-3/5-9-65A 7.5/2.2	3FST-XRF32-3-3/5-9-65A 7.5/2.2	3FST-XRF32-3-2/5-9-65A 7.5/2.2		84 39	60
3FST-XRF20-3/5-9-50A 5.5/2.2				3FST-XRF32-3-3/5-9-65A 7.5/2.2	3FST-XRF45-2-2/5-9-80A 11/2.2	77 35.8	55
3FST-XRF20-3/5-7-50A 5.5/1.5	3FST-XRF32-2/5-7-65A 5.5/1.5	3FST-XRF32-2/5-7-65A 5.5/1.5	3FST-XRF45-2-2A/5-7-80A 7.5/1.5	3FST-XRF45-2-2A/5-7-80A 7.5/1.5	3FST-XRF45-2-2A/5-7-80A 7.5/1.5	70 32.5	50
3FST-XRF20-3A/5-7-50A 5.5/1.5			3FST-XRF32-2/5-7-65A 5.5/1.5	3FST-XRF45-2-2C/5-7-80A 7.5/1.5	3FST-XRF45-2-2C/5-7-80A 7.5/1.5	63 29.3	45
3FST-XRF32-2-1/5-6-65A 5.5/1.5	3FST-XRF32-2-1/5-6-65A 5.5/1.5	3FST-XRF32-2-1/5-6-65A 5.5/1.5	3FST-XRF32-2-1/5-6-65A 5.5/1.5	3FST-XRF45-2-2C/5-6-80A 7.5/1.5		56 26	40
3FST-XRF32-2-2A/5-6-65A 3.7/1.5	3FST-XRF32-2-2A/5-6-65A 5.5/1.5	3FST-XRF32-2-2A/5-6-65A 5.5/1.5	3FST-XRF45-1/5-6-80A 5.5/1.5	3FST-XRF45-1/5-6-80A 5.5/1.5	3FST-XRF64-1/5-6-100A 7.5/1.5	49 22.8	35
3FST-XRF32-2-2A/5-5-65A 3.7/1.5	3FST-XRF32-2-2A/5-5-65A 3.7/1.5	3FST-XRF32-2-2A/5-5-65A 3.7/1.5	3FST-XRF45-1/5-5-80A 5.5/1.5	3FST-XRF45-1/5-5-80A 5.5/1.5	3FST-XRF45-1/5-5-80A 5.5/1.5	42 19.5	30
0.38	0.39	0.4	0.45	0.52	0.6	100%	Q
0.57	0.585	0.6	0.675	0.78	0.9	150%	(m³/min)

소방 패키지 시스템 - 소방 선정표

FS(T) SERIES

H (m)	140%	3FS-XRF45(27~48m³/hr)			3FS-XRF64(36~63.6m³/hr)		
	65%				3FS-XRF95(54~96m³/hr)		
215	301 139.8	3FST-XRF45-7/5-24-80A 37/5.5	3FST-XRF45-7/5-24-80A 37/5.5	3FST-XRF45-7/5-24-80A 37/5.5	3FST-XRF95-6/5-24-100A 75/5.5	3FST-XRF95-6/5-24-100A 75/5.5	3FST-XRF95-6/5-24-100A 75/5.5
210	294 136.5				3FST-XRF95-5/5-24-100A 75/5.5	3FST-XRF95-5/5-24-100A 75/5.5	3FST-XRF95-5/5-24-100A 75/5.5
205	287 133.3				3FST-XRF64-6-2/5-24-100A 45/5.5	3FST-XRF64-6-2/5-24-100A 45/5.5	
200	280 130						3FST-XRF64-6-2/5-24-100A 45/5.5
195	273 126.8	3FST-XRF45-6/5-24-80A 37/5.5					
190	266 123.5		3FST-XRF45-6/5-24-80A 37/5.5	3FST-XRF45-6/5-24-80A 37/5.5			
185	259 120.3	3FST-XRF45-6-3/5-24-80A 30/5.5			3FST-XRF64-5/5-24-100A 45/5.5	3FST-XRF64-5/5-24-100A 45/5.5	
180	252 117	3FST-XRF45-6-3/5-20-80A 30/5.5	3FST-XRF45-6-3/5-20-80A 30/5.5	3FST-XRF45-6/5-20-80A 37/5.5	3FST-XRF64-5/5-20-100A 45/5.5	3FST-XRF64-5/5-20-100A 45/5.5	3FST-XRF64-5/5-20-100A 45/5.5
175	245 113.8						
170	238 110.5			3FST-XRF45-6-3/5-20-80A 30/5.5			
165	231 107.3				3FST-XRF64-5-2/5-20-100A 37/5.5		
160	224 104	3FST-XRF45-5/5-20-80A 30/5.5				3FST-XRF64-5-2/5-20-100A 37/5.5	3FST-XRF64-5-2/5-20-100A 37/5.5
155	217 100.8	3FST-XRF45-5-2/5-20-80A 30/5.5	3FST-XRF45-5/5-20-80A 30/5.5	3FST-XRF45-5/5-20-80A 30/5.5			
150	210 97.5		3FST-XRF45-5-2/5-20-80A 30/5.5				
145	203 94.3	3FST-XRF45-5-3/5-20-80A 30/5.5			3FST-XRF64-4/5-20-100A 37/5.5		
140	196 91	3FST-XRF45-5-3/5-16-80A 30/3.7	3FST-XRF45-5-3/5-16-80A 30/3.7	3FST-XRF45-5-2/5-16-80A 30/3.7	3FST-XRF64-4/5-16-100A 37/5.5	3FST-XRF64-4/5-16-100A 37/5.5	3FST-XRF64-4/5-16-100A 37/5.5
135	189 87.8				3FST-XRF64-4-1/5-16-100A 30/3.7		
130	182 84.5	3FST-XRF45-4/5-16-80A 22/3.7		3FST-XRF45-5-3/5-16-80A 30/3.7	3FST-XRF64-4-1A/5-16-100A 30/3.7	3FST-XRF64-4-1/5-16-100A 30/3.7	3FST-XRF64-4-1/5-16-100A 30/3.7
125	175 81.3		3FST-XRF45-4/5-16-80A 22/3.7	3FST-XRF64-4-2/5-16-100A 30/3.7		3FST-XRF64-4-1A/5-16-100A 30/3.7	3FST-XRF64-4-1A/5-16-100A 30/3.7
120	168 78	3FST-XRF45-4-3/5-14-80A 18.5/3.7	3FST-XRF45-4/5-14-80A 22/3.7	3FST-XRF45-4/5-14-80A 22/3.7	3FST-XRF64-4-2/5-14-100A 30/3.7	3FST-XRF64-4-2/5-14-100A 30/3.7	3FST-XRF64-4-2/5-14-100A 30/3.7
115	161 74.8		3FST-XRF45-4-3/5-14-80A 18.5/3.7				
110	154 71.5			3FST-XRF45-4-2/5-14-80A 22/3.7			
105	147 68.3				3FST-XRF64-3/5-14-100A 30/3.7	3FST-XRF64-3/5-14-100A 30/3.7	
100	140 65	3FST-XRF45-4-4A/5-12-80A 18.5/3.7	3FST-XRF45-4-4A/5-12-80A 18.5/3.7	3FST-XRF64-3-1/5-12-100A 22/3.7	3FST-XRF64-3/5-12-100A 30/3.7	3FST-XRF64-3/5-12-100A 30/3.7	3FST-XRF64-3/5-12-100A 30/3.7
95	133 61.8	3FST-XRF45-3/5-12-80A 18.5/3.7	3FST-XRF45-3/5-12-80A 18.5/3.7		3FST-XRF64-3-1/5-12-100A 22/3.7	3FST-XRF64-3-1/5-12-100A 22/3.7	3FST-XRF64-3-1/5-12-100A 22/3.7
90	126 58.5	3FST-XRF45-3-1/5-12-80A 15/3.7		3FST-XRF45-3/5-12-80A 18.5/3.7	3FST-XRF64-3-2/5-12-100A 22/3.7		
85	119 55.3	3FST-XRF45-3-2/5-12-80A 15/3.7	3FST-XRF45-3-1/5-12-80A 15/3.7		3FST-XRF64-3-3/5-12-100A 18.5/3.7	3FST-XRF64-3-2/5-12-100A 22/3.7	3FST-XRF64-3-2/5-12-100A 22/3.7
80	112 52	3FST-XRF45-3-3A/5-12-80A 15/3.7	3FST-XRF45-3-2/5-12-80A 15/3.7	3FST-XRF45-3-2/5-12-80A 15/3.7		3FST-XRF64-3-3/5-12-100A 18.5/3.7	3FST-XRF64-3-3/5-12-100A 18.5/3.7
75	105 48.8		3FST-XRF45-3-3A/5-12-80A 15/3.7	3FST-XRF45-3-3/5-12-80A 15/3.7			
70	98 45.5	3FST-XRF45-3-3A/5-9-80A 15/2.2	3FST-XRF45-3-3A/5-9-80A 15/2.2	3FST-XRF45-3-3A/5-9-80A 15/2.2	3FST-XRF64-3-3/5-9-100A 18.5/2.2	3FST-XRF64-3-3/5-9-100A 18.5/2.2	3FST-XRF64-3-3/5-9-100A 18.5/2.2
65	91 42.3	3FST-XRF64-2-1/5-9-100A 15/2.2	3FST-XRF64-2-1/5-9-100A 15/2.2	3FST-XRF64-2-1/5-9-100A 15/2.2	3FST-XRF64-2/5-9-100A 18.5/2.2	3FST-XRF64-2/5-9-100A 18.5/2.2	3FST-XRF64-2/5-9-100A 18.5/2.2
60	84 39	3FST-XRF45-2/5-9-80A 11/2.2	3FST-XRF45-2/5-9-80A 11/2.2		3FST-XRF64-2-1/5-9-100A 15/2.2	3FST-XRF64-2-1/5-9-100A 15/2.2	3FST-XRF64-2-1/5-9-100A 15/2.2
55	77 35.8	3FST-XRF45-2-2/5-9-80A 11/2.2		3FST-XRF45-2/5-9-80A 11/2.2			
50	70 32.5	3FST-XRF45-2-2/5-7-80A 11/1.5	3FST-XRF45-2-2/5-7-80A 11/1.5	3FST-XRF45-2-2/5-7-80A 11/1.5	3FST-XRF64-2-2A/5-7-100A 11/1.5	3FST-XRF64-2-2/5-7-100A 15/1.5	3FST-XRF64-2-2/5-7-100A 15/1.5
45	63 29.3	3FST-XRF45-2-2A/5-7-80A 7.5/1.5	3FST-XRF64-2-2B/5-7-100A 11/1.5	3FST-XRF64-2-2B/5-7-100A 11/1.5	3FST-XRF64-2-2B/5-7-100A 11/1.5	3FST-XRF64-2-2A/5-7-100A 11/1.5	
40	56 26	3FST-XRF45-2-2B/5-6-80A 7.5/1.5	3FST-XRF64-2-2B/5-6-100A 11/1.5	3FST-XRF64-2-2B/5-6-100A 11/1.5	3FST-XRF64-2-2B/5-6-100A 11/1.5	3FST-XRF64-2-2B/5-6-100A 11/1.5	3FST-XRF95-1/5-6-100A 15/1.5
35	49 22.8	3FST-XRF64-1/5-6-100A 7.5/1.5	3FST-XRF64-1/5-6-100A 7.5/1.5	3FST-XRF64-1/5-6-100A 7.5/1.5	3FST-XRF64-1/5-6-100A 11/1.5	3FST-XRF95-1A/5-6-100A 11/1.5	3FST-XRF95-1A/5-6-100A 11/1.5
30	42 19.5	3FST-XRF45-1/5-5-80A 5.5/1.5	3FST-XRF45-1/5-5-80A 5.5/1.5	3FST-XRF45-1/5-5-80A 5.5/1.5	3FST-XRF64-1A/5-5-100A 7.5/1.5	3FST-XRF64-1A/5-5-100A 7.5/1.5	3FST-XRF64-1A/5-5-100A 7.5/1.5
Q (m³/min)	100%	0.7	0.75	0.8	0.9	0.96	1
	150%	1.05	1.125	1.2	1.35	1.44	1.5

※ 선정표 확인 방법

- 1) H는 양정(m)이며, Q는 유량(m³/min)입니다. 2) 양정의 상단은 정격양정의 140%, 하단은 65%입니다. 3) 표안의 내용 표기는 주(예비)펌프 모델/총압펌프 모델-토출배관구경 주(예비)펌프 동력(kW)/총압펌프 동력(kW)입니다.
- 4) FST 모델은 **탄소강(일반강재) 배관**, FS 모델은 **STS 배관**이 적용된 모델입니다.

소방 패키지 시스템 - 소방 선정표

FS(T) SERIES



3FS-XRF64	3FS-XRF95(54~96m³/hr)					140%	H
	3FS-XRF125(72~120m³/hr)					65%	(m)
3FST-XRF95-6/5-24-100A 75/5.5	3FST-XRF95-6/5-24-100A 75/5.5	3FST-XRF95-6/5-24-100A 75/5.5	3FST-XRF95-6/5-24-100A 75/5.5	3FST-XRF95-6/5-24-100A 75/5.5	3FST-XRF95-6/5-24-100A 75/5.5	301 139.8	215
3FST-XRF95-5/5-24-100A 75/5.5						294 136.5	210
	3FST-XRF95-5/5-24-100A 75/5.5					287 133.3	205
3FST-XRF64-6-2/5-24-100A 45/5.5		3FST-XRF95-5/5-24-100A 75/5.5	3FST-XRF95-5/5-24-100A 75/5.5	3FST-XRF95-5/5-24-100A 75/5.5		280 130	200
	3FST-XRF95-5-1/5-24-100A 55/5.5				3FST-XRF95-5/5-24-100A 75/5.5	273 126.8	195
						266 123.5	190
	3FST-XRF95-5-2/5-24-100A 55/5.5	3FST-XRF95-5-1/5-24-100A 55/5.5				259 120.3	185
3FST-XRF64-4-2/5-20-100A 45/5.5	3FST-XRF95-5-2/5-20-100A 55/5.5	3FST-XRF95-5-2/5-20-100A 55/5.5	3FST-XRF95-5-2/5-20-100A 55/5.5	3FST-XRF95-5/5-20-100A 75/5.5	3FST-XRF95-5/5-20-100A 75/5.5	252 117	180
3FST-XRF64-5/5-20-100A 45/5.5				3FST-XRF95-5-2/5-20-100A 55/5.5		245 113.8	175
					3FST-XRF95-5-2/5-20-100A 55/5.5	238 110.5	170
	3FST-XRF95-4/5-20-100A 55/5.5					231 107.3	165
		3FST-XRF95-4/5-20-100A 55/5.5	3FST-XRF95-4/5-20-100A 55/5.5			224 104	160
3FST-XRF64-5-2/5-20-100A 37/5.5	3FST-XRF95-4-1/5-20-100A 55/5.5			3FST-XRF95-4/5-20-100A 55/5.5	3FST-XRF95-4/5-20-100A 55/5.5	217 100.8	155
		3FST-XRF95-4-1/5-20-100A 55/5.5	3FST-XRF95-4-1/5-20-100A 55/5.5			210 97.5	150
	3FST-XRF95-4-2/5-20-100A 45/5.5			3FST-XRF95-4-1/5-20-100A 55/5.5	3FST-XRF95-4-1/5-20-100A 55/5.5	203 94.3	145
	3FST-XRF95-4-2/5-16-100A 45/3.7	3FST-XRF95-4-2/5-16-100A 45/3.7	3FST-XRF95-4-1/5-16-100A 55/3.7	3FST-XRF95-4-1/5-16-100A 55/3.7	3FST-XRF95-4-1/5-16-100A 55/3.7	196 91	140
3FST-XRF64-4/5-16-100A 37/5.5			3FST-XRF95-4-2/5-16-100A 45/3.7	3FST-XRF95-4-2/5-16-100A 45/3.7		189 87.8	135
						182 84.5	130
3FST-XRF64-4-1A/5-16-100A 30/3.7	3FST-XRF95-3/5-16-100A 37/3.7				3FST-XRF95-4-2/5-16-100A 45/3.7	175 81.3	125
3FST-XRF64-4-1A/5-14-100A 30/3.7	3FST-XRF95-3/5-14-100A 37/3.7	3FST-XRF95-3/5-14-100A 37/3.7	3FST-XRF95-3/5-14-100A 37/3.7	3FST-XRF95-3/5-14-100A 37/3.7	3FST-XRF95-4-2/5-14-100A 45/3.7	168 78	120
3FST-XRF64-4-2/5-14-100A 30/3.7	3FST-XRF95-3-1/5-14-100A 37/3.7	3FST-XRF95-3A/5-14-100A 37/3.7	3FST-XRF95-3A/5-14-100A 37/3.7		3FST-XRF95-3/5-14-100A 37/3.7	161 74.8	115
		3FST-XRF95-3-1/5-14-100A 37/3.7	3FST-XRF95-3-1/5-14-100A 37/3.7	3FST-XRF95-3-1/5-14-100A 37/3.7		154 71.5	110
	3FST-XRF95-3-2/5-14-100A 30/3.7				3FST-XRF95-3-1/5-14-100A 37/3.7	147 68.3	105
3FST-XRF64-3/5-12-100A 30/3.7	3FST-XRF95-3-2/5-12-100A 30/3.7	3FST-XRF95-3-2/5-12-100A 30/3.7	3FST-XRF95-3-2/5-12-100A 30/3.7	3FST-XRF95-3-1/5-12-100A 37/3.7	3FST-XRF95-3-1/5-12-100A 37/3.7	140 65	100
3FST-XRF64-3-1/5-12-100A 22/3.7				3FST-XRF95-3-2/5-12-100A 30/3.7		133 61.8	95
					3FST-XRF95-3-1A/5-12-100A 37/3.7	126 58.5	90
3FST-XRF64-3-2/5-12-100A 22/3.7					3FST-XRF125-2/5-12-150A 37/3.7	119 55.3	85
	3FST-XRF95-2/5-12-100A 30/3.7	3FST-XRF95-2/5-12-100A 30/3.7	3FST-XRF95-2/5-12-100A 30/3.7	3FST-XRF125-2-1/5-12-150A 30/3.7		112 52	80
3FST-XRF64-3-3/5-12-100A 18.5/3.7	3FST-XRF95-2-1/5-12-100A 22/3.7			3FST-XRF95-2/5-12-100A 30/3.7	3FST-XRF95-2/5-12-100A 30/3.7	105 48.8	75
3FST-XRF64-3-3/5-9-100A 18.5/2.2	3FST-XRF95-2-1/5-9-100A 22/2.2	3FST-XRF95-2-1/5-9-100A 22/2.2	3FST-XRF95-2/5-9-100A 30/2.2	3FST-XRF95-2/5-9-100A 30/2.2	3FST-XRF95-2/5-9-100A 30/2.2	98 45.5	70
3FST-XRF64-2/5-9-100A 18.5/2.2			3FST-XRF95-2-1/5-9-100A 22/2.2	3FST-XRF95-2-1/5-9-100A 22/2.2	3FST-XRF125-2-1A/5-9-150A 30/2.2	91 42.3	65
3FST-XRF64-2-1/5-9-100A 15/2.2	3FST-XRF95-2-2/5-9-100A 18.5/2.2	3FST-XRF95-2-2/5-9-100A 18.5/2.2			3FST-XRF125-2-2A/5-9-150A 22/2.2	84 39	60
	3FST-XRF95-2-2A/5-9-100A 18.5/2.2		3FST-XRF95-2-1A/5-9-100A 22/2.2	3FST-XRF95-2-1A/5-9-100A 22/2.2		77 35.8	55
3FST-XRF64-2-2/5-7-100A 15/1.5	3FST-XRF95-2-2B/5-7-100A 15/1.5	3FST-XRF95-2-2A/5-7-100A 18.5/1.5	3FST-XRF125-2-2B/5-7-150A 22/1.5	3FST-XRF125-2-2B/5-7-150A 22/1.5	3FST-XRF125-2-2B/5-7-150A 22/1.5	70 32.5	50
	3FST-XRF125-1/5-7-150A 18.5/1.5	3FST-XRF125-1/5-7-150A 18.5/1.5	3FST-XRF125-1/5-7-150A 18.5/1.5	3FST-XRF125-1/5-7-150A 18.5/1.5	3FST-XRF125-1/5-7-150A 18.5/1.5	63 29.3	45
3FST-XRF95-1/5-6-100A 15/1.5	3FST-XRF95-1/5-6-100A 15/1.5	3FST-XRF125-1A/5-6-150A 15/1.5	3FST-XRF125-1A/5-6-150A 15/1.5	3FST-XRF125-1A/5-6-150A 15/1.5	3FST-XRF125-1A/5-6-150A 15/1.5	56 26	40
3FST-XRF95-1A/5-6-100A 11/1.5	3FST-XRF95-1A/5-6-100A 11/1.5	3FST-XRF95-1A/5-6-100A 11/1.5	3FST-XRF95-1A/5-6-100A 11/1.5	3FST-XRF95-1/5-6-100A 15/1.5	3FST-XRF95-1/5-6-100A 15/1.5	49 22.8	35
3FST-XRF95-1A/5-5-100A 11/1.5	3FST-XRF95-1A/5-5-100A 11/1.5	3FST-XRF95-1A/5-5-100A 11/1.5	3FST-XRF95-1A/5-5-100A 11/1.5	3FST-XRF95-1A/5-5-100A 11/1.5	3FST-XRF125-1-1A/5-5-150A 11/1.5	42 19.5	30
1.06	1.2	1.4	1.45	1.5	1.6	100%	Q
1.59	1.8	2.1	2.175	2.25	2.4	150%	(m³/min)

소방 패키지 시스템 - 소방 선정표

FS(T) SERIES

H (m)	140%	3FS-XRF155(103.8~144m³/hr)			3FS-XRF185(120~192m³/hr)		
	65%	3FS-XRF125(72~120m³/hr)			3FS-XRF215(135~216m³/hr)		
215	301 139.8	3FST-XRF125-5/5-24-150A 90/5.5	3FST-XRF125-5/5-24-150A 90/5.5	3FST-XRF125-5/5-24-150A 90/5.5	3FST-XRF125-5/5-24-150A 90/5.5	3FST-XRF155-5-2/5-24-150A 110/5.5	3FST-XRF155-5-2/5-24-150A 110/5.5
210	294 136.5						
205	287 133.3						
200	280 130						
195	273 126.8	3FST-XRF125-5-2/5-24-150A 75/5.5	3FST-XRF125-5-2/5-24-150A 75/5.5				
190	266 123.5			3FST-XRF125-5-2/5-24-150A 75/5.5		3FST-XRF155-4/5-24-150A 90/5.5	
185	259 120.3				3FST-XRF125-5-2/5-24-150A 75/5.5	3FST-XRF155-4-1/5-24-150A 90/5.5	
180	252 117	3FST-XRF125-5-2/5-20-150A 75/5.5	3FST-XRF125-5-2/5-20-150A 75/5.5	3FST-XRF125-5-2/5-20-150A 75/5.5	3FST-XRF125-5-2/5-20-150A 75/5.5	3FST-XRF155-4-1/5-20-150A 90/5.5	3FST-XRF155-4-1/5-20-150A 90/5.5
175	245 113.8	3FST-XRF125-4/5-20-150A 75/5.5	3FST-XRF125-4/5-20-150A 75/5.5				
170	238 110.5			3FST-XRF125-4/5-20-150A 75/5.5			
165	231 107.3				3FST-XRF125-4/5-20-150A 75/5.5		
160	224 104					3FST-XRF155-4-3/5-20-150A 75/5.5	
155	217 100.8						
150	210 97.5						
145	203 94.3	3FST-XRF125-4-2A/5-20-150A 55/5.5	3FST-XRF125-4-2A/5-20-150A 55/5.5	3FST-XRF125-4-2A/5-20-150A 55/5.5			3FST-XRF155-4-2/5-20-150A 90/5.5
140	196 91	3FST-XRF125-4-3/5-16-150A 55/3.7	3FST-XRF125-4-3/5-16-150A 55/3.7	3FST-XRF125-4-3/5-16-150A 55/3.7	3FST-XRF125-4/5-16-150A 75/3.7	3FST-XRF155-3/5-16-150A 75/3.7	3FST-XRF155-3/5-16-150A 75/3.7
135	189 87.8	3FST-XRF125-3/5-16-150A 55/3.7	3FST-XRF125-3/5-16-150A 55/3.7	3FST-XRF125-3/5-16-150A 55/3.7	3FST-XRF125-4-3/5-16-150A 55/3.7		
130	182 84.5				3FST-XRF125-3/5-16-150A 55/3.7		
125	175 81.3						
120	168 78	3FST-XRF125-3/5-14-150A 55/3.7	3FST-XRF125-3/5-14-150A 55/3.7	3FST-XRF125-3/5-14-150A 55/3.7	3FST-XRF125-3/5-14-150A 55/3.7	3FST-XRF155-3/5-14-150A 75/3.7	3FST-XRF155-3/5-14-150A 75/3.7
115	161 74.8	3FST-XRF125-3-1/5-14-150A 45/3.7	3FST-XRF125-3-1/5-14-150A 45/3.7	3FST-XRF125-3-1/5-14-150A 45/3.7		3FST-XRF155-3-1/5-14-150A 75/3.7	3FST-XRF155-3-1/5-14-150A 75/3.7
110	154 71.5	3FST-XRF125-3-2/5-14-150A 45/3.7	3FST-XRF125-3-2/5-14-150A 45/3.7	3FST-XRF125-3-2/5-14-150A 45/3.7		3FST-XRF155-3-3/5-14-150A 55/3.7	
105	147 68.3						3FST-XRF155-3-2/5-14-150A 75/3.7
100	140 65	3FST-XRF125-3-3/5-12-150A 37/3.7	3FST-XRF125-3-2/5-12-150A 45/3.7	3FST-XRF125-3-2/5-12-150A 45/3.7	3FST-XRF125-3-2/5-12-150A 45/3.7	3FST-XRF155-3-3/5-12-150A 55/3.7	3FST-XRF155-3-3/5-12-150A 55/3.7
95	133 61.8		3FST-XRF125-3-3/5-12-150A 37/3.7	3FST-XRF125-3-3/5-12-150A 37/3.7		3FST-XRF155-2/5-12-150A 55/3.7	3FST-XRF155-2/5-12-150A 55/3.7
90	126 58.5					3FST-XRF155-2A/5-12-150A 45/3.7	3FST-XRF155-2A/5-12-150A 45/3.7
85	119 55.3	3FST-XRF125-2/5-12-150A 37/3.7	3FST-XRF125-2/5-12-150A 37/3.7	3FST-XRF125-2/5-12-150A 37/3.7	3FST-XRF125-2/5-12-150A 37/3.7	3FST-XRF155-2-1/5-12-150A 45/3.7	
80	112 52						3FST-XRF155-2-1/5-12-150A 45/3.7
75	105 48.8	3FST-XRF125-2-1/5-12-150A 30/3.7	3FST-XRF125-2-1/5-12-150A 30/3.7	3FST-XRF125-2-1/5-12-150A 30/3.7		3FST-XRF155-2-2/5-12-150A 37/3.7	
70	98 45.5	3FST-XRF125-2-1/5-9-150A 30/2.2	3FST-XRF125-2-1/5-9-150A 30/2.2	3FST-XRF125-2-1/5-9-150A 30/2.2	3FST-XRF155-2-2/5-9-150A 37/2.2	3FST-XRF155-2-1A/5-9-150A 45/2.2	3FST-XRF155-2-1A/5-9-150A 45/2.2
65	91 42.3						3FST-XRF155-2-2/5-9-150A 37/2.2
60	84 39	3FST-XRF125-2-1A/5-9-150A 30/2.2	3FST-XRF125-2-1A/5-9-150A 30/2.2	3FST-XRF125-2-1A/5-9-150A 30/2.2	3FST-XRF155-2-2B/5-9-150A 30/2.2	3FST-XRF155-2-2A/5-9-150A 37/2.2	3FST-XRF185-1/5-9-200A 37/2.2
55	77 35.8					3FST-XRF185-1/5-9-200A 37/2.2	
50	70 32.5	3FST-XRF125-2-2B/5-7-150A 30/1.5	3FST-XRF155-1/5-7-150A 30/1.5	3FST-XRF155-1/5-7-150A 30/1.5	3FST-XRF155-1/5-7-150A 30/1.5	3FST-XRF185-1-1/5-7-200A 30/1.5	3FST-XRF185-1-1/5-7-200A 30/1.5
45	63 29.3	3FST-XRF155-1A/5-7-150A 22/1.5	3FST-XRF155-1A/5-7-150A 22/1.5	3FST-XRF155-1A/5-7-150A 22/1.5	3FST-XRF155-1A/5-7-150A 22/1.5	3FST-XRF155-1A/5-7-150A 22/1.5	3FST-XRF155-1/5-7-150A 30/1.5
40	56 26	3FST-XRF125-1A/5-6-150A 18.5/1.5	3FST-XRF125-1A/5-6-150A 18.5/1.5	3FST-XRF125-1A/5-6-150A 18.5/1.5	3FST-XRF155-1-1/5-6-150A 18.5/1.5	3FST-XRF155-1A/5-6-150A 22/1.5	3FST-XRF155-1A/5-6-150A 22/1.5
35	49 22.8	3FST-XRF125-1A/5-6-150A 15/1.5	3FST-XRF125-1A/5-6-150A 15/1.5	3FST-XRF125-1A/5-6-150A 15/1.5		3FST-XRF155-1-1/5-6-150A 18.5/1.5	3FST-XRF185-1-1B/5-6-200A 22/1.5
30	42 19.5	3FST-XRF155-1-1A/5-5-150A 15/1.5	3FST-XRF155-1-1A/5-5-150A 15/1.5	3FST-XRF155-1-1A/5-5-150A 15/1.5	3FST-XRF185-1-1C/5-5-200A 18.5/1.5	3FST-XRF215-1-1C/5-5-200A 22/1.5	3FST-XRF215-1-1C/5-5-200A 22/1.5
Q (m³/min)	100%	1.73	1.8	1.86	2	2.25	2.4
	150%	2.595	2.7	2.79	3	3.375	3.6

※ 선정표 확인 방법

- 1) H는 양정(m)이며, Q는 유량(m³/min)입니다. 2) 양정의 상단은 정격양정의 140%, 하단은 65%입니다. 3) 표안의 내용 표기는 4) FS 모델은 **탄소강(일반강재) 배관**, FS 모델은 **STS 배관**이 적용된 모델입니다.

주(예비)펌프 모델/총압펌프 모델-토출배관구경
주(예비)펌프 동력(kW)/총압펌프 동력(kW)입니다.

소방 패키지 시스템 - 소방 선정표

FS(T) SERIES



3FS-XRF185(120~192m³/hr)						140%	H
3FS-XRF215(135~216m³/hr)						65%	(m)
3FST-XRF185-4-2/5-24-200A 132/5.5	3FST-XRF185-4-2/5-24-200A 132/5.5	3FST-XRF185-4-2/5-24-200A 132/5.5	3FST-XRF185-4-2/5-24-200A 132/5.5	3FST-XRF185-4-2/5-24-200A 132/5.5	3FST-XRF215-4-2A/5-24-200A 160/5.5	301 139.8	215
					3FST-XRF215-3/5-24-200A 160/5.5	294 136.5	210
3FST-XRF185-4-4/5-24-200A 132/5.5						287 133.3	205
	3FST-XRF185-4-4/5-24-200A 132/5.5	3FST-XRF185-4-4/5-24-200A 132/5.5	3FST-XRF185-4-4/5-24-200A 132/5.5			280 130	200
				3FST-XRF185-4-4/5-24-200A 132/5.5		273 126.8	195
3FST-XRF185-4-4A/5-24-200A 110/5.5	3FST-XRF185-4-4A/5-24-200A 110/5.5	3FST-XRF185-4-4A/5-24-200A 110/5.5				266 123.5	190
			3FST-XRF185-4-4A/5-24-200A 110/5.5			259 120.3	185
3FST-XRF185-3/5-20-200A 110/5.5	3FST-XRF185-4-4A/5-20-200A 110/5.5	3FST-XRF185-4-4A/5-20-200A 110/5.5	3FST-XRF185-4-4A/5-20-200A 110/5.5	3FST-XRF185-4-4/5-20-200A 132/5.5	3FST-XRF215-3-1/5-20-200A 132/5.5	252 117	180
	3FST-XRF185-3/5-20-200A 110/5.5	3FST-XRF185-3/5-20-200A 110/5.5	3FST-XRF185-3/5-20-200A 110/5.5			245 113.8	175
				3FST-XRF185-3/5-20-200A 110/5.5	3FST-XRF215-3-2/5-20-200A 132/5.5	238 110.5	170
						231 107.3	165
3FST-XRF185-3-2/5-20-200A 90/5.5	3FST-XRF185-3-2/5-20-200A 90/5.5	3FST-XRF185-3-2/5-20-200A 90/5.5			3FST-XRF215-3-2A/5-20-200A 110/5.5	224 104	160
			3FST-XRF185-3-2/5-20-200A 90/5.5			217 100.8	155
3FST-XRF185-3-3/5-20-200A 90/5.5	3FST-XRF185-3-3/5-20-200A 90/5.5	3FST-XRF185-3-3/5-20-200A 90/5.5	3FST-XRF185-3-3/5-20-200A 90/5.5	3FST-XRF185-3-2/5-20-200A 110/5.5		210 97.5	150
						203 94.3	145
3FST-XRF185-3-3/5-16-200A 90/3.7	3FST-XRF185-3-3/5-16-200A 90/3.7	3FST-XRF185-3-3/5-16-200A 90/3.7	3FST-XRF185-3-3/5-16-200A 90/3.7	3FST-XRF185-3-3/5-16-200A 90/3.7	3FST-XRF215-2/5-16-200A 110/3.7	196 91	140
3FST-XRF185-3-3A/5-16-200A 75/3.7	3FST-XRF185-3-3A/5-16-200A 75/3.7	3FST-XRF185-3-3A/5-16-200A 75/3.7				189 87.8	135
			3FST-XRF185-3-3A/5-16-200A 75/3.7		3FST-XRF185-3-3/5-16-200A 90/3.7	182 84.5	130
						175 81.3	125
3FST-XRF185-2/5-14-200A 75/3.7	3FST-XRF185-2/5-14-200A 75/3.7	3FST-XRF185-2/5-14-200A 75/3.7	3FST-XRF185-3-3A/5-14-200A 75/3.7	3FST-XRF215-2-1/5-14-200A 90/3.7	3FST-XRF215-2-1/5-14-200A 90/3.7	168 78	120
			3FST-XRF185-2/5-14-200A 75/3.7	3FST-XRF185-2/5-14-200A 75/3.7		161 74.8	115
3FST-XRF185-2-1/5-14-200A 75/3.7	3FST-XRF185-2-1/5-14-200A 75/3.7	3FST-XRF185-2-1/5-14-200A 75/3.7			3FST-XRF185-2/5-14-200A 75/3.7	154 71.5	110
			3FST-XRF185-2-1/5-14-200A 75/3.7			147 68.3	105
3FST-XRF185-2-2/5-12-200A 55/3.7	3FST-XRF185-2-2/5-12-200A 55/3.7	3FST-XRF185-2-2/5-12-200A 55/3.7	3FST-XRF185-2-1/5-12-200A 75/3.7	3FST-XRF185-2-1/5-12-200A 75/3.7	3FST-XRF185-2/5-12-200A 75/3.7	140 65	100
			3FST-XRF185-2-2/5-12-200A 55/3.7		3FST-XRF185-2-1/5-12-200A 75/3.7	133 61.8	95
				3FST-XRF215-2-2/5-12-200A 75/3.7	3FST-XRF215-2-2/5-12-200A 75/3.7	126 58.5	90
3FST-XRF185-2-2A/5-12-200A 55/3.7	3FST-XRF185-2-2A/5-12-200A 55/3.7	3FST-XRF185-2-2A/5-12-200A 55/3.7		3FST-XRF255-2-2B/5-12-200A 75/3.7	3FST-XRF255-2-2B/5-12-200A 75/3.7	119 55.3	85
3FST-XRF185-2-2C/5-12-200A 45/3.7	3FST-XRF185-2-2B/5-12-200A 55/3.7	3FST-XRF185-2-2B/5-12-200A 55/3.7	3FST-XRF185-2-2A/5-12-200A 55/3.7	3FST-XRF185-1/5-7-200A 37/1.5	3FST-XRF255-2-2C/5-12-200A 75/3.7	112 52	80
3FST-XRF185-2-2D/5-12-200A 45/3.7	3FST-XRF185-2-2C/5-12-200A 45/3.7	3FST-XRF185-2-2C/5-12-200A 45/3.7	3FST-XRF185-2-2C/5-12-200A 45/3.7	3FST-XRF255-2-2D/5-12-200A 55/3.7		105 48.8	75
3FST-XRF185-2-2D/5-9-200A 45/2.2	3FST-XRF185-2-2D/5-9-200A 45/2.2	3FST-XRF185-2-2D/5-9-200A 45/2.2	3FST-XRF215-1/5-9-200A 55/2.2	3FST-XRF215-1/5-9-200A 55/2.2	3FST-XRF215-1/5-9-200A 55/2.2	98 45.5	70
3FST-XRF215-1/5-9-200A 55/2.2	3FST-XRF215-1/5-9-200A 55/2.2	3FST-XRF215-1/5-9-200A 55/2.2				91 42.3	65
3FST-XRF185-1/5-9-200A 37/2.2	3FST-XRF185-1/5-9-200A 37/2.2	3FST-XRF185-1/5-9-200A 37/2.2	3FST-XRF185-1/5-9-200A 37/2.2			84 39	60
				3FST-XRF185-1/5-9-200A 37/2.2	3FST-XRF215-1A/5-9-200A 45/2.2	77 35.8	55
3FST-XRF185-1-1/5-7-200A 30/1.5	3FST-XRF185-1-1/5-7-200A 30/1.5	3FST-XRF185-1-1/5-7-200A 30/1.5	3FST-XRF185-1-1/5-7-200A 30/1.5	3FST-XRF185-1/5-7-200A 37/1.5	3FST-XRF215-1B/5-7-200A 45/1.5	70 32.5	50
				3FST-XRF185-1-1/5-7-200A 30/1.5	3FST-XRF215-1-1/5-7-200A 37/1.5	63 29.3	45
3FST-XRF215-1-1B/5-6-200A 30/1.5	3FST-XRF215-1-1B/5-6-200A 30/1.5	3FST-XRF215-1-1B/5-6-200A 30/1.5	3FST-XRF215-1-1A/5-6-200A 30/1.5	3FST-XRF215-1-1A/5-6-200A 30/1.5	3FST-XRF255-1-1A/5-6-200A 37/1.5	56 26	40
			3FST-XRF215-1-1B/5-6-200A 30/1.5	3FST-XRF215-1-1B/5-6-200A 30/1.5		49 22.8	35
3FST-XRF215-1-1C/5-5-200A 22/1.5	3FST-XRF215-1-1C/5-5-200A 22/1.5	3FST-XRF215-1-1C/5-5-200A 22/1.5				42 19.5	30
2.6	2.66	2.7	2.8	3.0	3.2	100%	Q
3.9	3.99	4.05	4.2	4.5	4.8	150%	(m³/min)

소방 패키지 시스템 - 소방 선정표

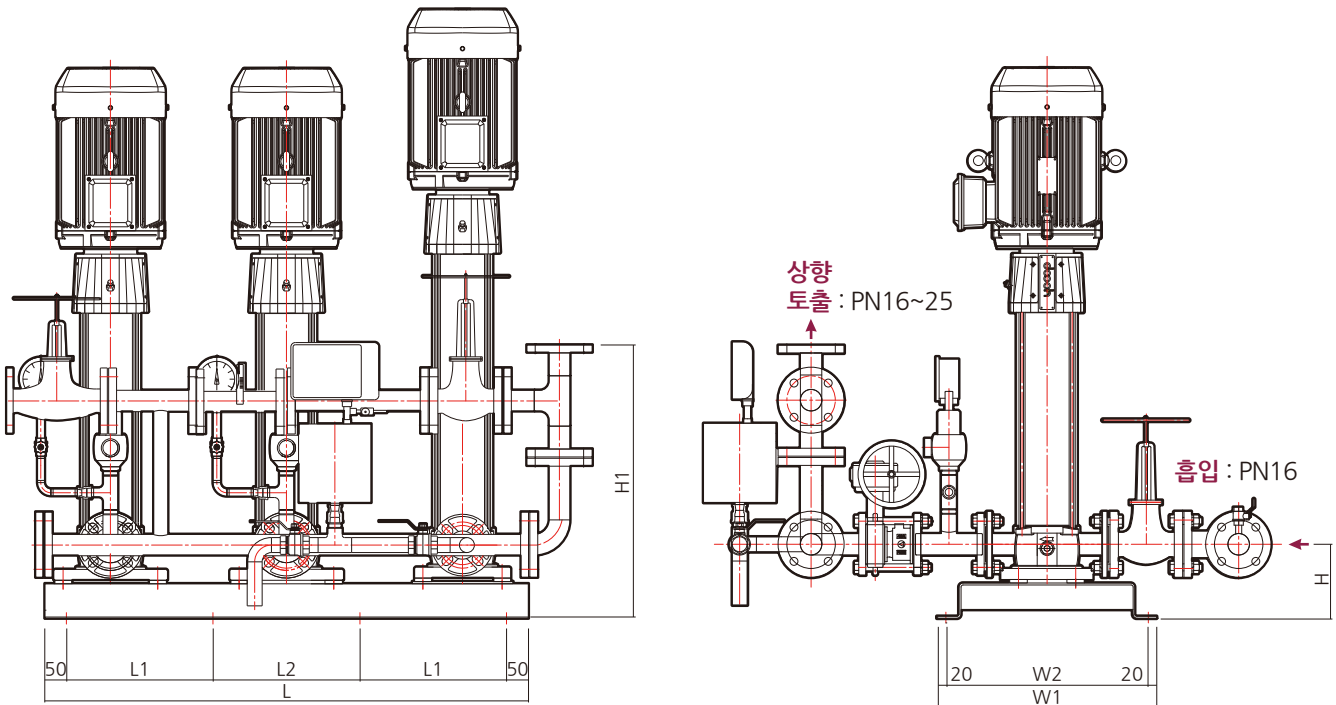
FS(T) SERIES

H (m)	140%	3FS-XRF215(135~216m³/hr)		3FS-XRF255(180~264m³/hr)			
	65%						
215	301 139.8	3FST-XRF215-4-2A/5-24-200A 160/5.5	3FST-XRF215-4-2A/5-24-200A 160/5.5	3FST-XRF255-4-2/5-24-200A 200/5.5	3FST-XRF255-4-2/5-24-200A 200/5.5	3FST-XRF255-4-2/5-24-200A 200/5.5	3FST-XRF255-4-1/5-24-200A 225/5.5
210	294 136.5						3FST-XRF255-4-2/5-24-200A 200/5.5
205	287 133.3	3FST-XRF215-3/5-24-200A 160/5.5	3FST-XRF215-3/5-24-200A 160/5.5	3FST-XRF255-3/5-24-200A 200/5.5	3FST-XRF255-3/5-24-200A 200/5.5		
200	280 130					3FST-XRF255-3/5-24-200A 200/5.5	3FST-XRF255-3/5-24-200A 200/5.5
195	273 126.8						
190	266 123.5			3FST-XRF255-3-1/5-24-200A 160/5.5			
185	259 120.3				3FST-XRF255-3-1/5-24-200A 160/5.5	3FST-XRF255-3-1/5-24-200A 160/5.5	
180	252 117	3FST-XRF215-3-1/5-20-200A 132/5.5	3FST-XRF215-3/5-20-200A 160/5.5	3FST-XRF255-3-1/5-20-200A 160/5.5	3FST-XRF255-3-1/5-20-200A 160/5.5	3FST-XRF255-3-1/5-20-200A 160/5.5	3FST-XRF255-3/5-20-200A 200/5.5
175	245 113.8		3FST-XRF215-3-1/5-20-200A 132/5.5				
170	238 110.5						3FST-XRF255-3-1/5-20-200A 160/5.5
165	231 107.3	3FST-XRF215-3-2/5-20-200A 132/5.5	3FST-XRF255-3-2A/5-20-200A 132/5.5	3FST-XRF255-3-2A/5-20-200A 132/5.5			
160	224 104				3FST-XRF255-3-2/5-20-200A 160/5.5		
155	217 100.8	3FST-XRF215-3-2A/5-20-200A 110/5.5	3FST-XRF215-3-2/5-20-200A 132/5.5	3FST-XRF255-3-3/5-20-200A 132/5.5		3FST-XRF255-3-2/5-20-200A 160/5.5	
150	210 97.5		3FST-XRF215-3-2A/5-20-200A 110/5.5		3FST-XRF255-3-3/5-20-200A 132/5.5		3FST-XRF255-3-2/5-20-200A 160/5.5
145	203 94.3						
140	196 91	3FST-XRF215-2/5-16-200A 110/3.7	3FST-XRF215-3-2A/5-16-200A 110/3.7	3FST-XRF255-3-3/5-16-200A 132/3.7	3FST-XRF255-3-3/5-16-200A 132/3.7	3FST-XRF255-3-2/5-16-200A 160/3.7	3FST-XRF255-3-2/5-16-200A 160/3.7
135	189 87.8		3FST-XRF215-2/5-16-200A 110/3.7	3FST-XRF255-2/5-16-200A 132/3.7	3FST-XRF255-2/5-16-200A 132/3.7	3FST-XRF255-2/5-16-200A 132/3.7	3FST-XRF255-2/5-16-200A 132/3.7
130	182 84.5			3FST-XRF255-2A/5-16-200A 110/3.7	3FST-XRF255-2A/5-16-200A 110/3.7		
125	175 81.3					3FST-XRF255-2A/5-16-200A 110/3.7	
120	168 78	3FST-XRF215-2/5-14-200A 110/3.7	3FST-XRF215-2/5-14-200A 110/3.7	3FST-XRF255-2-1/5-14-200A 110/3.7	3FST-XRF255-2-1/5-14-200A 110/3.7	3FST-XRF255-2A/5-14-200A 110/3.7	3FST-XRF255-2/5-14-200A 132/3.7
115	161 74.8	3FST-XRF215-2-1/5-14-200A 90/3.7	3FST-XRF215-2-1/5-14-200A 90/3.7			3FST-XRF255-2-1/5-14-200A 110/3.7	3FST-XRF255-2-1/5-14-200A 110/3.7
110	154 71.5						
105	147 68.3			3FST-XRF255-2-2/5-14-200A 90/3.7			
100	140 65	3FST-XRF215-2-1A/5-12-200A 75/3.7	3FST-XRF255-2-2/5-12-200A 90/3.7	3FST-XRF255-2-2/5-12-200A 90/3.7	3FST-XRF255-2-2/5-12-200A 90/3.7	3FST-XRF255-2-1/5-12-200A 110/3.7	3FST-XRF255-2-1/5-12-200A 110/3.7
95	133 61.8						
90	126 58.5	3FST-XRF255-2-2A/5-12-200A 75/3.7	3FST-XRF255-2-2A/5-12-200A 75/3.7			3FST-XRF255-2-2/5-12-200A 90/3.7	
85	119 55.3						
80	112 52	3FST-XRF255-2-2B/5-12-200A 75/3.7					
75	105 48.8	3FST-XRF255-2-2C/5-12-200A 75/3.7					
70	98 45.5	3FST-XRF215-1/5-9-200A 55/2.2	3FST-XRF255-1/5-9-200A 75/2.2				
65	91 42.3		3FST-XRF215-1/5-9-200A 55/2.2	3FST-XRF255-1/5-9-200A 75/2.2	3FST-XRF255-1/5-9-200A 75/2.2	3FST-XRF255-1/5-9-200A 75/2.2	3FST-XRF255-1/5-9-200A 75/2.2
60	84 39			3FST-XRF255-1A/5-9-200A 55/2.2			
55	77 35.8	3FST-XRF215-1A/5-9-200A 45/2.2	3FST-XRF255-1-1/5-9-200A 45/2.2		3FST-XRF255-1A/5-9-200A 55/2.2	3FST-XRF255-1A/5-9-200A 55/2.2	
50	70 32.5	3FST-XRF215-1B/5-7-200A 45/1.5	3FST-XRF255-1-1/5-7-200A 45/1.5	3FST-XRF255-1-1/5-7-200A 45/1.5	3FST-XRF255-1A/5-7-200A 55/1.5		
45	63 29.3	3FST-XRF215-1-1/5-7-200A 37/1.5			3FST-XRF255-1-1/5-7-200A 45/1.5		
40	56 26	3FST-XRF255-1-1A/5-6-200A 37/1.5					
35	49 22.8						
30	42 19.5						
Q (m³/min)	100%	3.4	3.6	3.8	4	4.2	4.4
	150%	5.1	5.4	5.7	6	6.3	6.6

소방 패키지 시스템 3FS(T)(P)-XRF10 SERIES



▶ 외형도



▶ 외형치수 및 중량

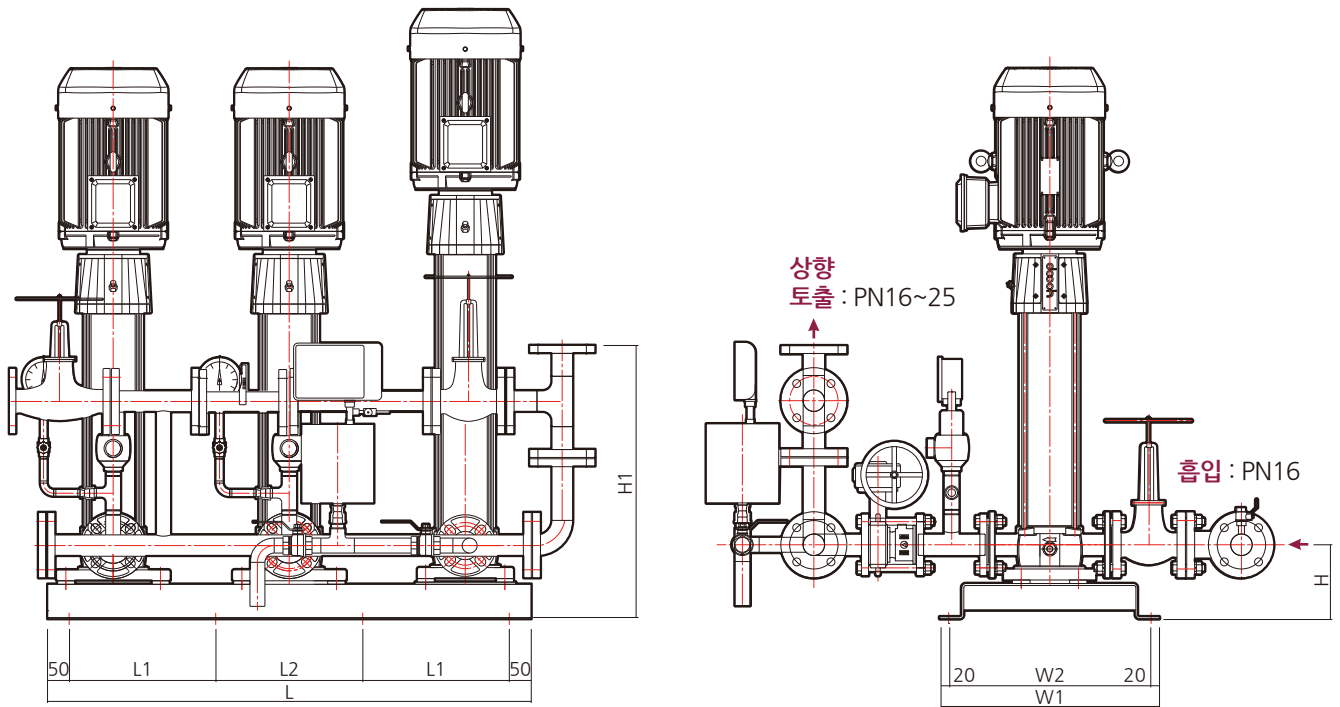
모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프										
		흡입	토출			kW	HP	kW	HP	L	L1	L2	W	W1	W2	H	H1	
3FS(T)(P)-XRF10-3A-XRF5-5	DN40	PN16	DN40	PN16	1.5	2	1.5	2	1100	333	334	972	500	460	168	623	361	
3FS(T)(P)-XRF10-3A-XRF5-6					1.5	2	1.5	2	1100	333	334	972	500	460	168	623	361	
3FS(T)(P)-XRF10-3-XRF5-6					2.2	3	1.5	2	1100	333	334	972	500	460	168	623	361	
3FS(T)(P)-XRF10-4-XRF5-7					2.2	3	1.5	2	1100	333	334	972	500	460	168	623	364	
3FS(T)(P)-XRF10-4-XRF5-9					2.2	3	2.2	3	1100	333	334	972	500	460	168	623	365	
3FS(T)(P)-XRF10-5-XRF5-9					3.7	3	2.2	3	1100	333	334	972	500	460	168	623	423	
3FS(T)(P)-XRF10-6-XRF5-9					3.7	5	2.2	3	1100	333	334	972	500	460	168	623	425	
3FS(T)(P)-XRF10-6-XRF5-12					3.7	5	3.7	5	1100	333	334	972	500	460	168	623	454	
3FS(T)(P)-XRF10-7-XRF5-12					5.5	7.5	3.7	5	1100	333	334	972	500	460	168	623	518	
3FS(T)(P)-XRF10-8-XRF5-12					5.5	7.5	3.7	5	1100	333	334	972	500	460	168	623	520	
3FS(T)(P)-XRF10-8-XRF5-14					5.5	7.5	3.7	5	1100	333	334	972	500	460	168	623	521	
3FS(T)(P)-XRF10-9-XRF5-14					5.5	7.5	3.7	5	1100	333	334	972	500	460	168	623	523	
3FS(T)(P)-XRF10-9-XRF5-16					5.5	7.5	3.7	5	1100	333	334	972	500	460	168	623	524	
3FS(T)(P)-XRF10-10-XRF5-14					5.5	7.5	3.7	5	1100	333	334	972	500	460	168	623	525	
3FS(T)(P)-XRF10-10-XRF5-16					5.5	7.5	3.7	5	1100	333	334	972	500	460	168	623	526	
3FS(T)(P)-XRF10-12-XRF5-16		PN25	PN25	PN25	7.5	10	3.7	5	1100	333	334	972	500	460	168	623	533	
3FS(T)(P)-XRF10-12-XRF5-20					7.5	10	5.5	7.5	1100	333	334	972	500	460	168	623	570	
3FS(T)(P)-XRF10-14-XRF5-20					11	15	5.5	7.5	1100	333	334	972	500	460	168	623	730	
3FS(T)(P)-XRF10-14-XRF5-24					11	15	5.5	7.5	1100	333	334	972	500	460	168	623	732	
3FS(T)(P)-XRF10-17-XRF5-24					11	15	5.5	7.5	1100	333	334	972	500	460	168	623	738	

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소방 패키지 시스템 3FS(T)(P)-XRF15 SERIES



▶ 외형도

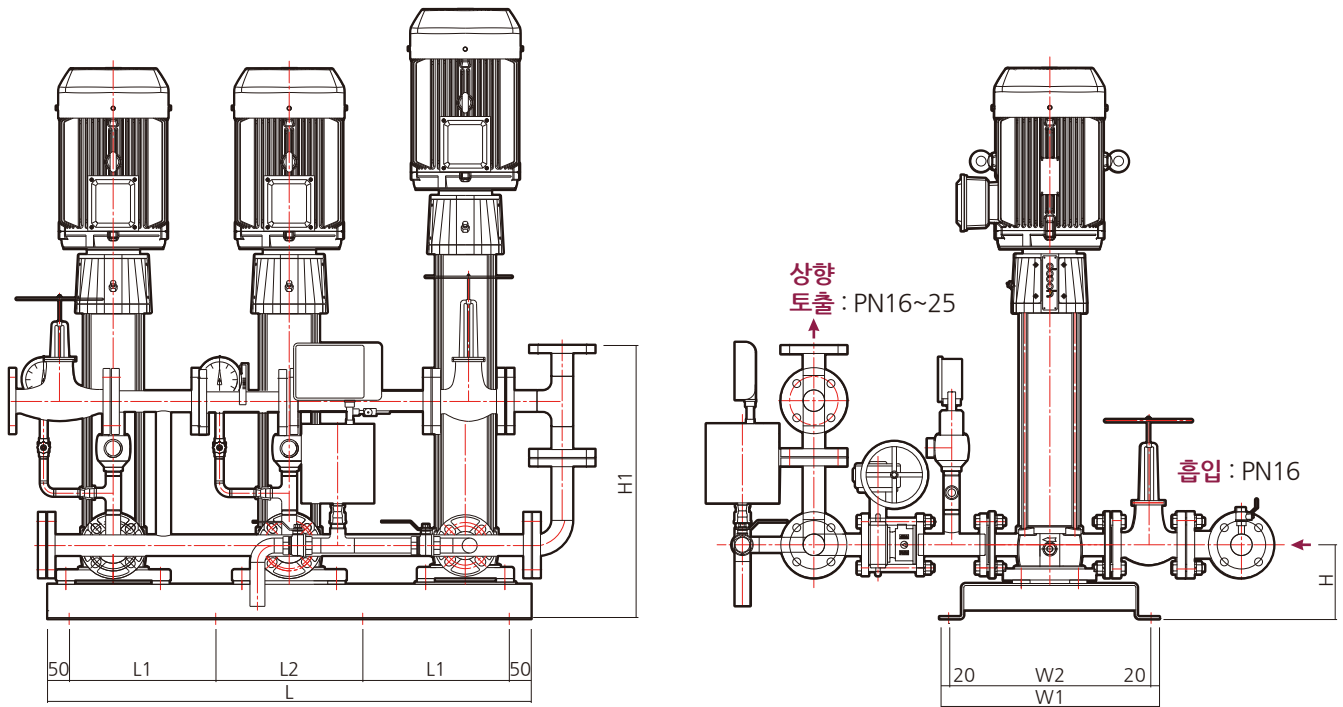


▶ 외형치수 및 중량

모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프										
		흡입	토출			kW	HP	kW	HP	L	L1	L2	W	W1	W2	H	H1	
3FS(T)(P)-XRF15-2-XRF5-5	DN50	PN16	PN16	DN40	PN16	3.7	5	1.5	2	1100	333	334	1027	500	460	178	659	435
3FS(T)(P)-XRF15-2-XRF5-6						3.7	5	1.5	2	1100	333	334	1027	500	460	178	659	435
3FS(T)(P)-XRF15-3A-XRF5-6						3.7	5	1.5	2	1100	333	334	1027	500	460	178	659	437
3FS(T)(P)-XRF15-3-XRF5-7						3.7	5	1.5	2	1100	333	334	1027	500	460	178	659	438
3FS(T)(P)-XRF15-4A-XRF5-9						5.5	7.5	2.2	3	1100	333	334	1027	500	460	178	659	505
3FS(T)(P)-XRF15-4-XRF5-9						5.5	7.5	2.2	3	1100	333	334	1027	500	460	178	659	505
3FS(T)(P)-XRF15-5-XRF5-12						7.5	10	3.7	5	1100	333	334	1027	500	460	178	659	536
3FS(T)(P)-XRF15-6A-XRF5-12						7.5	10	3.7	5	1100	333	334	1027	500	460	178	659	552
3FS(T)(P)-XRF15-6-XRF5-12						7.5	10	3.7	10	1100	333	334	1027	500	460	178	659	552
3FS(T)(P)-XRF15-6-XRF5-14						7.5	10	3.7	10	1100	333	334	1027	500	460	178	659	553
3FS(T)(P)-XRF15-7-XRF5-14						11	15	3.7	5	1100	333	334	1027	500	460	178	659	701
3FS(T)(P)-XRF15-8-XRF5-14						11	15	3.7	5	1100	333	334	1027	500	460	178	659	705
3FS(T)(P)-XRF15-8-XRF5-16						11	15	3.7	5	1100	333	334	1027	500	460	178	659	706
3FS(T)(P)-XRF15-9-XRF5-16						11	15	3.7	5	1100	333	334	1027	500	460	178	659	708
3FS(T)(P)-XRF15-9-XRF5-20						11	15	5.5	7.5	1100	333	334	1027	500	460	178	659	710
3FS(T)(P)-XRF15-10-XRF5-20	PN25	PN25	15	20	5.5	7.5	1100	333	334	1027	500	460	178	659	751			
3FS(T)(P)-XRF15-12-XRF5-24			18.5	25	5.5	7.5	1100	333	334	1027	500	460	178	659	771			

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▶ 외형도



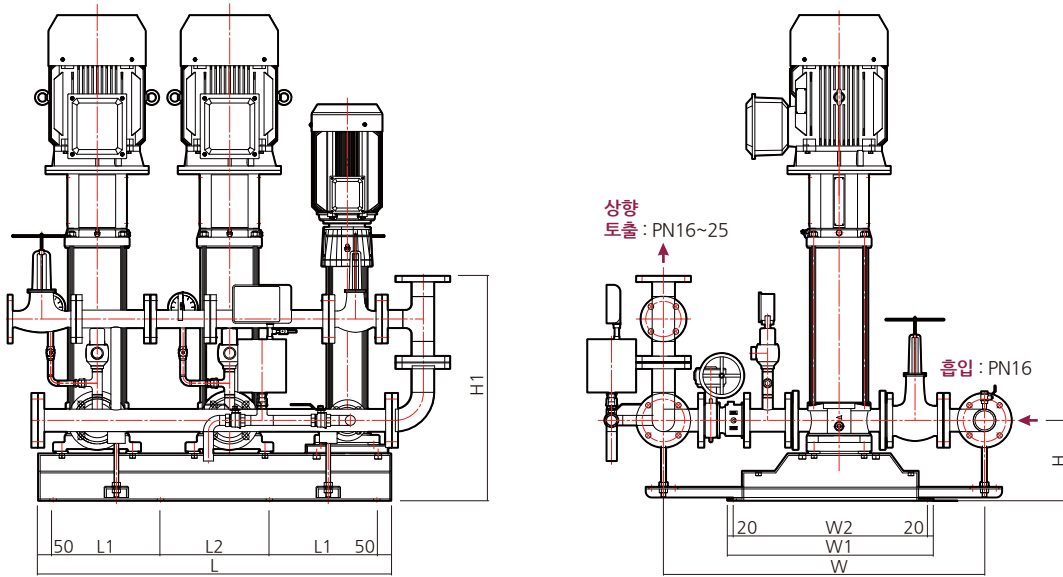
▶ 외형치수 및 중량

모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)	
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프											
		흡입	토출			kW	HP		kW	HP	L	L1	L2	W	W1	W2	H		H1
3FS(T)(P)-XRF20-2-XRF5-6	DN50	PN16	PN16	DN50	PN16	3.7	5	1.5	2	1100	333	334	1027	500	460	178	659	440	
3FS(T)(P)-XRF20-3A-XRF5-7						5.5	7.5	1.5	2	1100	333	334	1027	500	460	178	659	505	
3FS(T)(P)-XRF20-3-XRF5-7						5.5	7.5	1.5	2	1100	333	334	1027	500	460	178	659	505	
3FS(T)(P)-XRF20-3-XRF5-9						5.5	7.5	2.2	3	1100	333	334	1027	500	460	178	659	506	
3FS(T)(P)-XRF20-4B-XRF5-9						7.5	10	2.2	3	1100	333	334	1027	500	460	178	659	510	
3FS(T)(P)-XRF20-4A-XRF5-9						7.5	10	2.2	3	1100	333	334	1027	500	460	178	659	510	
3FS(T)(P)-XRF20-4-XRF5-9						7.5	10	2.2	3	1100	333	334	1027	500	460	178	659	510	
3FS(T)(P)-XRF20-4-XRF5-12						7.5	10	3.7	5	1100	333	334	1027	500	460	178	659	539	
3FS(T)(P)-XRF20-5-XRF5-12						11	15	3.7	5	1100	333	334	1027	500	460	178	659	699	
3FS(T)(P)-XRF20-6-XRF5-12						11	15	3.7	5	1100	333	334	1027	500	460	178	659	703	
3FS(T)(P)-XRF20-6-XRF5-14						11	15	3.7	5	1100	333	334	1027	500	460	178	659	704	
3FS(T)(P)-XRF20-7-XRF5-14						15	20	3.7	5	1100	333	334	1027	500	460	178	659	706	
3FS(T)(P)-XRF20-7-XRF5-16						15	20	3.7	5	1100	333	334	1027	500	460	178	659	707	
3FS(T)(P)-XRF20-8-XRF5-16			PN25			PN25	15	20	3.7	5	1100	333	334	1027	500	460	178	659	718
3FS(T)(P)-XRF20-8-XRF5-20							15	20	5.5	7.5	1100	333	334	1027	500	460	178	659	755
3FS(T)(P)-XRF20-9-XRF5-20							15	20	5.5	7.5	1100	333	334	1027	500	460	178	659	757
3FS(T)(P)-XRF20-10-XRF5-20							18.5	25	5.5	7.5	1100	333	334	1027	500	460	178	659	771
3FS(T)(P)-XRF20-10-XRF5-24							18.5	25	5.5	7.5	1100	333	334	1027	500	460	178	659	773

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소방 패키지 시스템 3FS(T)(P)-XRF32 SERIES

▶ 외형도



▶ 외형치수 및 중량

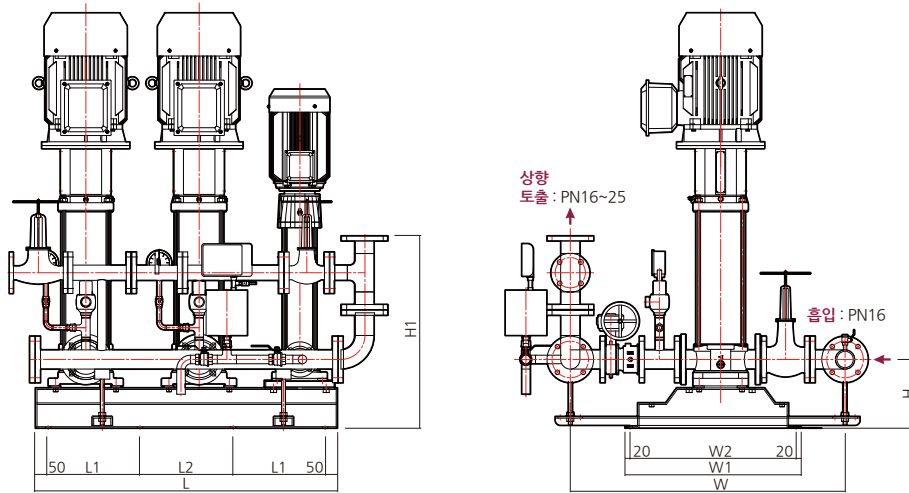
모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프										
		흡입	토출			kW	HP		kW	HP	L	L1	L2	W	W1	W2	H	
3FS(T)(P)-XRF32-2-2A-XRF5-5	DN65	PN16			PN16	3.7	5	1.5	2	1200	365	370	1091	700	660	273	764	577
3FS(T)(P)-XRF32-2-2A-XRF5-6						3.7	5	1.5	2	1200	365	370	1091	700	660	273	764	577
3FS(T)(P)-XRF32-2-2-XRF5-6						5.5	7.5	1.5	2	1200	365	370	1091	700	660	273	764	639
3FS(T)(P)-XRF32-2-1-XRF5-6						5.5	7.5	1.5	2	1200	365	370	1091	700	660	273	764	639
3FS(T)(P)-XRF32-2-XRF5-7						5.5	7.5	1.5	2	1200	365	370	1091	700	660	273	764	640
3FS(T)(P)-XRF32-3-3-XRF5-9						7.5	10	2.2	3	1200	365	370	1091	700	660	273	764	665
3FS(T)(P)-XRF32-3-2-XRF5-9						7.5	10	2.2	3	1200	365	370	1091	700	660	273	764	675
3FS(T)(P)-XRF32-3-1-XRF5-9						7.5	10	2.2	3	1200	365	370	1091	700	660	273	764	675
3FS(T)(P)-XRF32-3-XRF5-9						11	15	2.2	3	1200	365	370	1091	700	660	273	764	811
3FS(T)(P)-XRF32-3-XRF5-12						11	15	3.7	5	1200	365	370	1091	700	660	273	764	840
3FS(T)(P)-XRF32-4-2-XRF5-12						11	15	3.7	5	1200	365	370	1091	700	660	273	764	846
3FS(T)(P)-XRF32-4-1-XRF5-12						11	15	3.7	5	1200	365	370	1091	700	660	273	764	846
3FS(T)(P)-XRF32-4-XRF5-12						11	15	3.7	5	1200	365	370	1091	700	660	273	764	846
3FS(T)(P)-XRF32-5-2-XRF5-12						15	20	3.7	5	1200	365	370	1091	700	660	273	764	852
3FS(T)(P)-XRF32-5-2-XRF5-14						15	20	3.7	5	1200	365	370	1091	700	660	273	764	853
3FS(T)(P)-XRF32-5-XRF5-14						15	20	3.7	5	1200	365	370	1091	700	660	273	764	853
3FS(T)(P)-XRF32-5-XRF5-16						15	20	3.7	5	1200	365	370	1091	700	660	273	764	854
3FS(T)(P)-XRF32-6-2-XRF5-16						15	20	3.7	5	1200	365	370	1091	700	660	273	764	860
3FS(T)(P)-XRF32-6-1-XRF5-16						15	20	3.7	5	1200	365	370	1091	700	660	273	764	860
3FS(T)(P)-XRF32-6-1-XRF5-20						15	20	5.5	7.5	1200	365	370	1091	700	660	273	764	897
3FS(T)(P)-XRF32-6-XRF5-16						18.5	25	3.7	5	1200	365	370	1091	700	660	273	764	885
3FS(T)(P)-XRF32-6-XRF5-20						18.5	25	5.5	7.5	1200	365	370	1091	700	660	273	764	922
3FS(T)(P)-XRF32-7-2-XRF5-20						18.5	25	5.5	7.5	1200	365	370	1091	700	660	273	764	928
3FS(T)(P)-XRF32-7-XRF5-20						18.5	25	5.5	7.5	1200	365	370	1091	700	660	273	764	928
3FS(T)(P)-XRF32-8-2-XRF5-20	22	30	5.5	7.5	1200	365	370	1091	700	660	273	764	928					
3FS(T)(P)-XRF32-8-XRF5-20	22	30	5.5	7.5	1200	365	370	1091	700	660	273	764	1046					
3FS(T)(P)-XRF32-8-XRF5-20	22	30	5.5	7.5	1200	365	370	1091	700	660	273	764	1046					
3FS(T)(P)-XRF32-8-XRF5-24	22	30	5.5	7.5	1200	365	370	1091	700	660	273	764	1048					
3FS(T)(P)-XRF32-9-XRF5-24	30	40	5.5	7.5	1200	365	370	1091	700	660	273	764	1084					

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소방 패키지 시스템 3FS(T)(P)-XRF45 SERIES



▶ 외형도



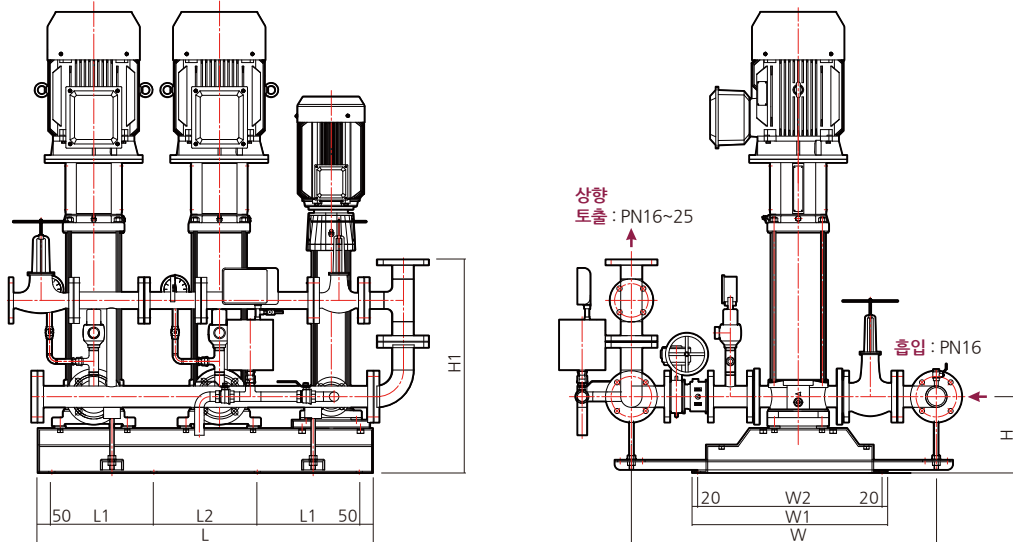
▶ 외형치수 및 중량

모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프										
		흡입	토출			kW	HP	kW	HP	L	L1	L2	W	W1	W2	H	H1	
3FS(T)(P)-XRF45-1-XRF5-5	DN80	PN16			PN16	5.5	7.5	1.5	2	1350	355	540	1180	700	660	308	907	701
3FS(T)(P)-XRF45-1-XRF5-6						5.5	7.5	1.5	2	1350	355	540	1180	700	660	308	907	701
3FS(T)(P)-XRF45-2-2C-XRF5-6						7.5	10	1.5	2	1350	355	540	1180	700	660	308	907	719
3FS(T)(P)-XRF45-2-2C-XRF5-7						7.5	10	1.5	2	1350	355	540	1180	700	660	308	907	720
3FS(T)(P)-XRF45-2-2B-XRF5-6						7.5	10	1.5	2	1350	355	540	1180	700	660	308	907	719
3FS(T)(P)-XRF45-2-2A-XRF5-7						7.5	10	1.5	2	1350	355	540	1180	700	660	308	907	720
3FS(T)(P)-XRF45-2-2-XRF5-7						11	15	1.5	2	1350	355	540	1180	700	660	308	907	866
3FS(T)(P)-XRF45-2-2-XRF5-9						11	15	2.2	3	1350	355	540	1180	700	660	308	907	867
3FS(T)(P)-XRF45-2-XRF5-9						11	15	2.2	3	1350	355	540	1180	700	660	308	907	867
3FS(T)(P)-XRF45-3-3A-XRF5-9						15	20	2.2	3	1350	355	540	1180	700	660	308	907	875
3FS(T)(P)-XRF45-3-3A-XRF5-12						15	20	3.7	5	1350	355	540	1180	700	660	308	907	904
3FS(T)(P)-XRF45-3-3-XRF5-12						15	20	3.7	5	1350	355	540	1180	700	660	308	907	904
3FS(T)(P)-XRF45-3-2-XRF5-12						15	20	3.7	5	1350	355	540	1180	700	660	308	907	904
3FS(T)(P)-XRF45-3-1-XRF5-12						15	20	3.7	5	1350	355	540	1180	700	660	308	907	904
3FS(T)(P)-XRF45-3-XRF5-12						18.5	25	3.7	5	1350	355	540	1180	700	660	308	907	916
3FS(T)(P)-XRF45-4-4A-XRF5-12						18.5	25	3.7	5	1350	355	540	1180	700	660	308	907	924
3FS(T)(P)-XRF45-4-3-XRF5-14						18.5	25	3.7	5	1350	355	540	1180	700	660	308	907	925
3FS(T)(P)-XRF45-4-3-XRF5-16						18.5	25	3.7	5	1350	355	540	1180	700	660	308	907	926
3FS(T)(P)-XRF45-4-2-XRF5-14						22	30	3.7	5	1350	355	540	1180	700	660	308	907	1037
3FS(T)(P)-XRF45-4-XRF5-14						22	30	3.7	5	1350	355	540	1180	700	660	308	907	1037
3FS(T)(P)-XRF45-4-XRF5-16						22	30	3.7	5	1350	355	540	1180	700	660	308	907	1038
3FS(T)(P)-XRF45-5-3-XRF5-16		30	40	3.7	5	1350	355	540	1180	700	660	308	907	1076				
3FS(T)(P)-XRF45-5-3-XRF5-20		30	40	5.5	7.5	1350	355	540	1180	700	660	308	907	1113				
3FS(T)(P)-XRF45-5-2-XRF5-16		30	40	3.7	5	1350	355	540	1180	700	660	308	907	1076				
3FS(T)(P)-XRF45-5-2-XRF5-20		30	40	5.5	7.5	1350	355	540	1180	700	660	308	907	1113				
3FS(T)(P)-XRF45-5-XRF5-20		30	40	5.5	7.5	1350	355	540	1180	700	660	308	907	1141				
3FS(T)(P)-XRF45-6-3-XRF5-20		30	40	5.5	7.5	1350	355	540	1180	700	660	308	907	1147				
3FS(T)(P)-XRF45-6-3-XRF5-24		30	40	5.5	7.5	1350	355	540	1180	700	660	308	907	1149				
3FS(T)(P)-XRF45-6-XRF5-20		37	50	5.5	7.5	1350	355	540	1180	700	660	308	907	1281				
3FS(T)(P)-XRF45-6-XRF5-24		37	50	5.5	7.5	1350	355	540	1180	700	660	308	907	1283				
3FS(T)(P)-XRF45-7-XRF5-24		37	50	5.5	7.5	1350	355	540	1180	700	660	308	907	1303				

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소방 패키지 시스템 3FS(T)(P)-XRF64 SERIES

▶ 외형도



▶ 외형치수 및 중량

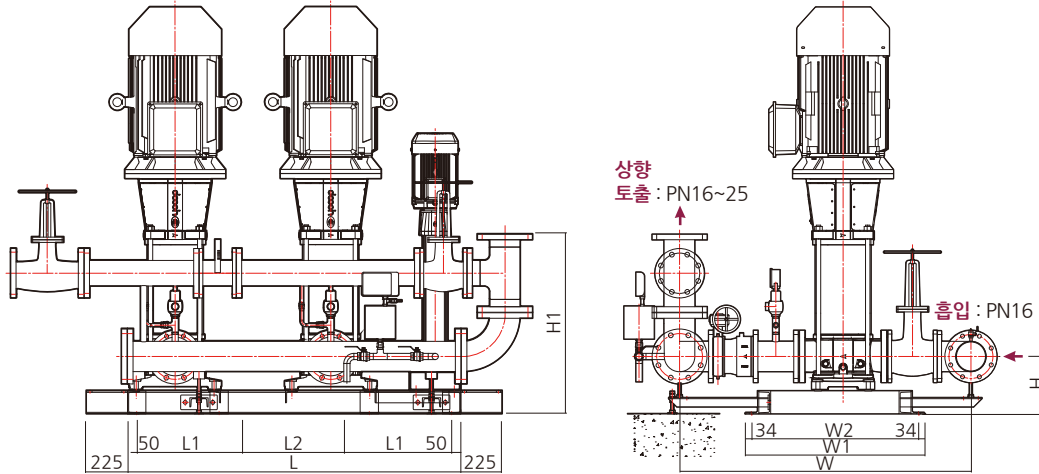
모 델 명	합류관		성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급 흡입 토출	구경	압력등급	주/예비펌프 kW HP	총압펌프 kW HP			L	L1	L2	W	W1	W2	H	H1	
3FS(T)(P)-XRF64-1A-XRF5-5					7.5 10	1.5 2			1350	355	540	1255	700	660	308	823	753
3FS(T)(P)-XRF64-1-XRF5-6					7.5 10	1.5 2			1350	355	540	1255	700	660	308	823	773
					11 15	1.5 2			1350	355	540	1255	700	660	308	823	773
3FS(T)(P)-XRF64-2-2B-XRF5-6					11 15	1.5 2			1350	355	540	1255	700	660	308	823	915
3FS(T)(P)-XRF64-2-2B-XRF5-7					11 15	1.5 2			1350	355	540	1255	700	660	308	823	916
3FS(T)(P)-XRF64-2-2A-XRF5-7					11 15	1.5 2			1350	355	540	1255	700	660	308	823	916
3FS(T)(P)-XRF64-2-2-XRF5-7					15 20	1.5 2			1350	355	540	1255	700	660	308	823	916
3FS(T)(P)-XRF64-2-1-XRF5-9					15 20	2.2 3			1350	355	540	1255	700	660	308	823	917
3FS(T)(P)-XRF64-2-XRF5-9					18.5 25	2.2 3			1350	355	540	1255	700	660	308	823	929
3FS(T)(P)-XRF64-3-3-XRF5-9					18.5 25	2.2 3			1350	355	540	1255	700	660	308	823	935
3FS(T)(P)-XRF64-3-3-XRF5-12					18.5 25	3.7 5			1350	355	540	1255	700	660	308	823	964
3FS(T)(P)-XRF64-3-2-XRF5-12					22 30	3.7 5			1350	355	540	1255	700	660	308	823	1068
3FS(T)(P)-XRF64-3-1-XRF5-12					22 30	3.7 5			1350	355	540	1255	700	660	308	823	1068
3FS(T)(P)-XRF64-3-XRF5-12					30 40	3.7 5			1350	355	540	1255	700	660	308	823	1106
3FS(T)(P)-XRF64-3-XRF5-14					30 40	3.7 5			1350	355	540	1255	700	660	308	823	1107
3FS(T)(P)-XRF64-4-2-XRF5-14					30 40	3.7 5			1350	355	540	1255	700	660	308	823	1113
3FS(T)(P)-XRF64-4-2-XRF5-16					30 40	3.7 5			1350	355	540	1255	700	660	308	823	1114
3FS(T)(P)-XRF64-4-1A-XRF5-14					30 40	3.7 5			1350	355	540	1255	700	660	308	823	1113
3FS(T)(P)-XRF64-4-1A-XRF5-16					30 40	3.7 5			1350	355	540	1255	700	660	308	823	1114
3FS(T)(P)-XRF64-4-1-XRF5-16					30 40	3.7 5			1350	355	540	1255	700	660	308	823	1161
3FS(T)(P)-XRF64-4-XRF5-16					37 50	3.7 5			1350	355	540	1255	700	660	308	823	1307
3FS(T)(P)-XRF64-4-XRF5-20					37 50	5.5 7.5			1350	355	540	1255	700	660	308	823	1344
3FS(T)(P)-XRF64-5-2-XRF5-16					37 50	3.7 5			1350	355	540	1255	700	660	308	823	1313
3FS(T)(P)-XRF64-5-2-XRF5-20					37 50	5.5 7.5			1350	355	540	1255	700	660	308	823	1350
3FS(T)(P)-XRF64-5-XRF5-20					45 60	5.5 7.5			1350	355	540	1255	700	660	308	823	1350
3FS(T)(P)-XRF64-5-XRF5-24					45 60	5.5 7.5			1350	355	540	1255	700	660	308	823	1352
3FS(T)(P)-XRF64-6-2-XRF5-20					45 60	5.5 7.5			1350	355	540	1255	700	660	308	823	1358
3FS(T)(P)-XRF64-6-2-XRF5-24					45 60	5.5 7.5			1350	355	540	1255	700	660	308	823	1360

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소방 패키지 시스템 3FS(T)(P)-XRF 95 SERIES



▶ 외형도



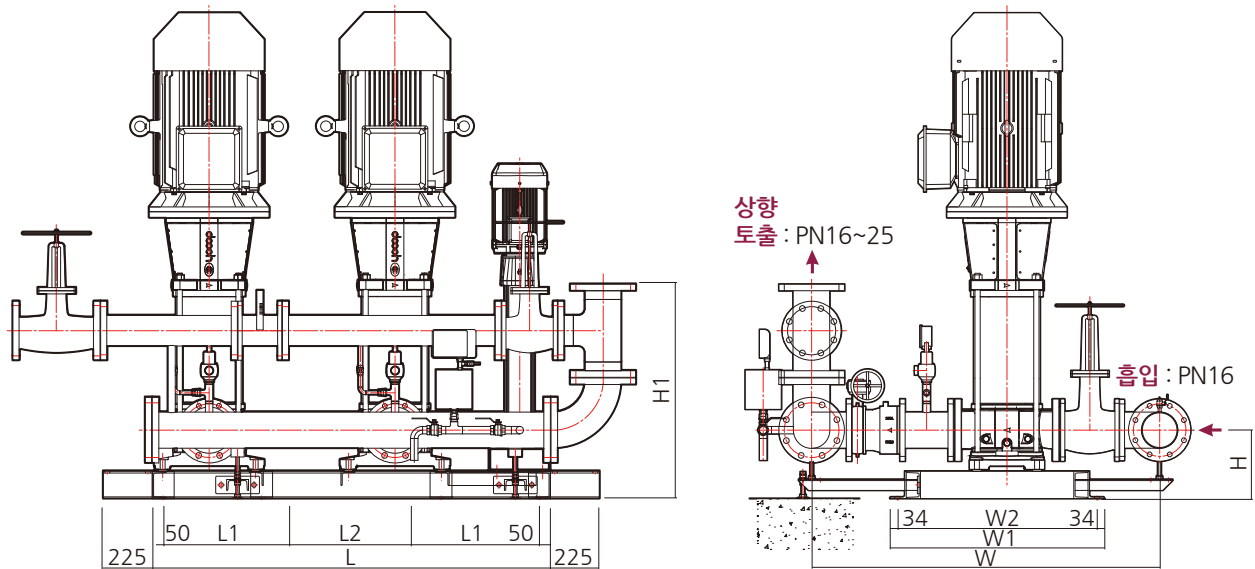
▶ 외형치수 및 중량

모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프										
		흡입	토출			kW	HP		kW	HP	L	L1	L2	W	W1	W2	H	H1
3FS(T)(P)-XRF95-1A-XRF5-5	DN100	PN16		DN80	PN16	11	15	1.5	2	1615	390	735	1341	800	732	273	788	977
3FS(T)(P)-XRF95-1A-XRF5-6						11	15	1.5	2	1615	390	735	1341	800	732	273	788	977
3FS(T)(P)-XRF95-1-XRF5-6						15	20	1.5	2	1615	390	735	1341	800	732	273	788	977
3FS(T)(P)-XRF95-2-2B-XRF5-7						15	20	1.5	2	1615	390	735	1341	800	732	273	788	1004
3FS(T)(P)-XRF95-2-2A-XRF5-7						18.5	25	1.5	2	1615	390	735	1341	800	732	273	788	1004
3FS(T)(P)-XRF95-2-2A-XRF5-9						18.5	25	2.2	3	1615	390	735	1341	800	732	273	788	1005
3FS(T)(P)-XRF95-2-2-XRF5-9						18.5	25	2.2	3	1615	390	735	1341	800	732	273	788	1005
3FS(T)(P)-XRF95-2-1A-XRF5-9						22	30	2.2	3	1615	390	735	1341	800	732	273	788	1109
3FS(T)(P)-XRF95-2-1-XRF5-9						22	30	2.2	3	1615	390	735	1341	800	732	273	788	1109
3FS(T)(P)-XRF95-2-1-XRF5-12						22	30	3.7	5	1615	390	735	1341	800	732	273	788	1138
3FS(T)(P)-XRF95-2-XRF5-9						30	40	2.2	3	1615	390	735	1341	800	732	273	788	1145
3FS(T)(P)-XRF95-2-XRF5-12						30	40	3.7	5	1615	390	735	1341	800	732	273	788	1174
3FS(T)(P)-XRF95-3-2-XRF5-12						30	40	3.7	5	1615	390	735	1341	800	732	273	788	1188
3FS(T)(P)-XRF95-3-2-XRF5-14						30	40	3.7	5	1615	390	735	1341	800	732	273	788	1189
3FS(T)(P)-XRF95-3-1A-XRF5-12						37	50	3.7	5	1615	390	735	1341	800	732	273	788	1322
3FS(T)(P)-XRF95-3-1-XRF5-12						37	50	3.7	5	1615	390	735	1341	800	732	273	788	1322
3FS(T)(P)-XRF95-3-1-XRF5-14						37	50	3.7	5	1615	390	735	1341	800	732	273	788	1323
3FS(T)(P)-XRF95-3A-XRF5-14						37	50	3.7	5	1615	390	735	1341	800	732	273	788	1323
3FS(T)(P)-XRF95-3-XRF5-14						37	50	3.7	5	1615	390	735	1341	800	732	273	788	1335
3FS(T)(P)-XRF95-3-XRF5-16						37	50	3.7	5	1615	390	735	1341	800	732	273	788	1336
3FS(T)(P)-XRF95-4-2-XRF5-14						45	60	3.7	5	1615	390	735	1341	800	732	273	788	1349
3FS(T)(P)-XRF95-4-2-XRF5-16						45	60	3.7	5	1615	390	735	1341	800	732	273	788	1350
3FS(T)(P)-XRF95-4-2-XRF5-20						45	60	5.5	7.5	1615	390	735	1341	800	732	273	788	1387
3FS(T)(P)-XRF95-4-1-XRF5-16		PN25			PN25	55	75	3.7	5	1615	390	735	1341	800	732	273	788	1574
3FS(T)(P)-XRF95-4-1-XRF5-20						55	75	5.5	7.5	1615	390	735	1341	800	732	273	788	1611
3FS(T)(P)-XRF95-4-XRF5-20						55	75	5.5	7.5	1615	390	735	1341	800	732	273	788	1655
3FS(T)(P)-XRF95-5-2-XRF5-20						55	75	5.5	7.5	1615	390	735	1341	800	732	273	788	1675
3FS(T)(P)-XRF95-5-2-XRF5-24						55	75	5.5	7.5	1615	390	735	1341	800	732	273	788	1677
3FS(T)(P)-XRF95-5-1-XRF5-24						55	75	5.5	7.5	1615	390	735	1341	800	732	273	788	1677
3FS(T)(P)-XRF95-5-XRF5-20						75	100	5.5	7.5	1615	390	735	1341	800	732	273	788	1995
3FS(T)(P)-XRF95-5-XRF5-24						75	100	5.5	7.5	1615	390	735	1341	800	732	273	788	1997
3FS(T)(P)-XRF95-6-XRF5-24						75	100	5.5	7.5	1615	390	735	1341	800	732	273	788	2017

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소방 패키지 시스템 3FS(T)(P)-XRF 125 SERIES

▶ 외형도



▶ 외형치수 및 중량

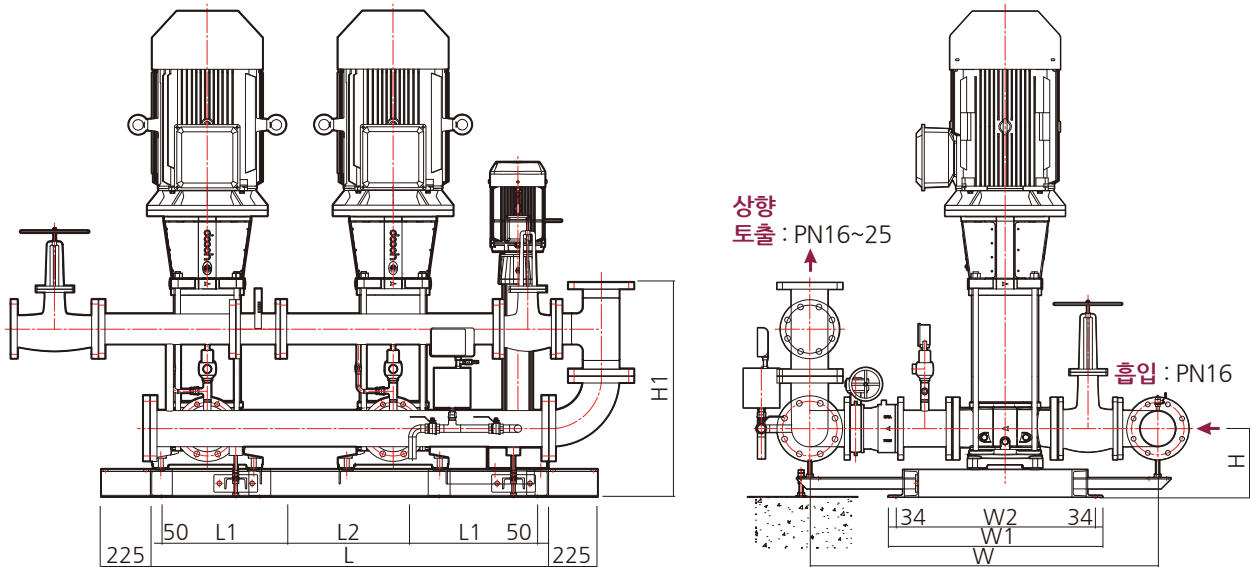
모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급		구경	압력등급	주/예비펌프		총압펌프										
		흡입	토출			kW	HP	kW	HP	L	L1	L2	W	W1	W2	H	H1	
3FS(T)(P)-XRF125-1-1A-XRF5-5	DN150	PN16	DN125	PN16	11	15	1.5	2	1820	450	820	1591	981	913	313	980	1269	
3FS(T)(P)-XRF125-1A-XRF5-6					15	20	1.5	2	1820	450	820	1591	981	913	313	980	1269	
3FS(T)(P)-XRF125-1-XRF5-6					18.5	25	1.5	2	1820	450	820	1591	981	913	313	980	1281	
3FS(T)(P)-XRF125-1-XRF5-7					18.5	25	1.5	2	1820	450	820	1591	981	913	313	980	1282	
3FS(T)(P)-XRF125-2-2B-XRF5-7					22	30	1.5	2	1820	450	820	1591	981	913	313	980	1434	
3FS(T)(P)-XRF125-2-2A-XRF5-9					22	30	2.2	3	1820	450	820	1591	981	913	313	980	1435	
3FS(T)(P)-XRF125-2-1A-XRF5-9					30	40	2.2	3	1820	450	820	1591	981	913	313	980	1465	
3FS(T)(P)-XRF125-2-1-XRF5-9					30	40	2.2	3	1820	450	820	1591	981	913	313	980	1465	
3FS(T)(P)-XRF125-2-1-XRF5-12					30	40	3.7	5	1820	450	820	1591	981	913	313	980	1494	
3FS(T)(P)-XRF125-2-XRF5-12					37	50	3.7	5	1820	450	820	1591	981	913	313	980	1628	
3FS(T)(P)-XRF125-3-3-XRF5-12					37	50	3.7	5	1820	450	820	1591	981	913	313	980	1650	
3FS(T)(P)-XRF125-3-2-XRF5-12					45	60	3.7	5	1820	450	820	1591	981	913	313	980	1674	
3FS(T)(P)-XRF125-3-2-XRF5-14				45	60	3.7	5	1820	450	820	1591	981	913	313	980	1675		
3FS(T)(P)-XRF125-3-1-XRF5-14				45	60	3.7	5	1820	450	820	1591	981	913	313	980	1675		
3FS(T)(P)-XRF125-3-XRF5-14				55	75	3.7	5	1820	450	820	1591	981	913	313	980	1895		
3FS(T)(P)-XRF125-3-XRF5-16				55	75	3.7	5	1820	450	820	1591	981	913	313	980	1896		
3FS(T)(P)-XRF125-4-3-XRF5-16				55	75	3.7	5	1820	450	820	1591	981	913	313	980	1896		
3FS(T)(P)-XRF125-4-2A-XRF5-20				PN25	PN25	55	75	5.5	7.5	1820	450	820	1591	981	913	313	980	2113
3FS(T)(P)-XRF125-4-XRF5-16						75	100	3.7	5	1820	450	820	1591	981	913	313	980	2396
3FS(T)(P)-XRF125-4-XRF5-20						75	100	5.5	7.5	1820	450	820	1591	981	913	313	980	2433
3FS(T)(P)-XRF125-5-2-XRF5-20						75	100	5.5	7.5	1820	450	820	1591	981	913	313	980	2433
3FS(T)(P)-XRF125-5-2-XRF5-24						75	100	5.5	7.5	1820	450	820	1591	981	913	313	980	2435
3FS(T)(P)-XRF125-5-XRF5-24						90	120	5.5	7.5	1820	450	820	1591	981	913	313	980	2605

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소방 패키지 시스템 3FS(T)(P)-XRF 155 SERIES



▶ 외형도



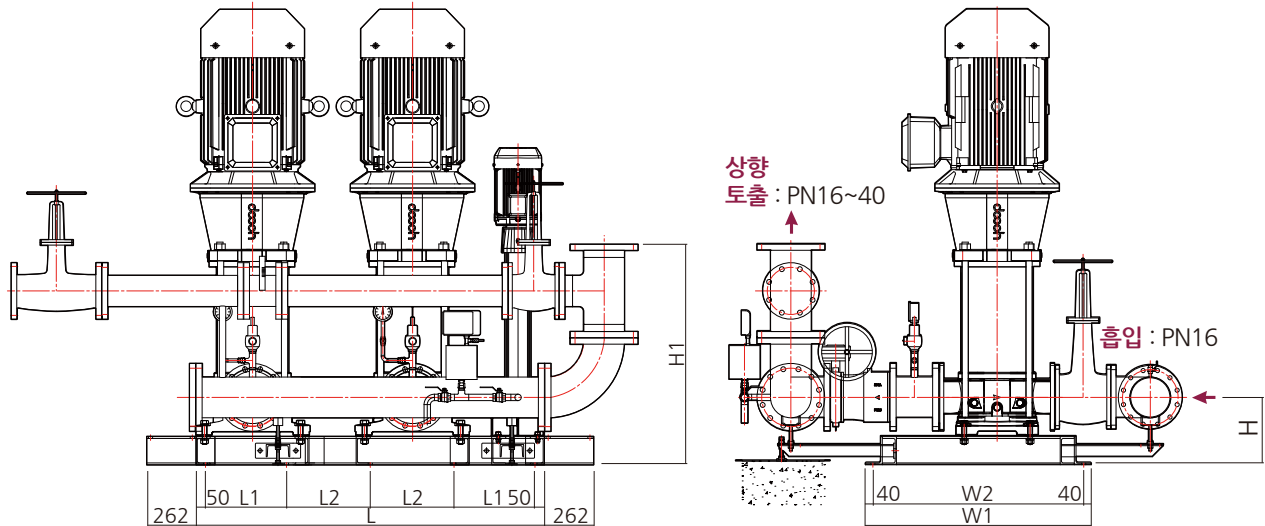
▶ 외형치수 및 중량

모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프										
		흡입	토출			kW	HP	kW	HP	L	L1	L2	W	W1	W2	H	H1	
3FS(T)(P)-XRF155-1-1A-XRF5-5	DN150	PN16	PN16	DN125	PN16	15	20	1.5	2	1820	450	820	1591	981	913	313	980	1283
3FS(T)(P)-XRF155-1-1-XRF5-6						18.5	25	1.5	2	1820	450	820	1591	981	913	313	980	1295
3FS(T)(P)-XRF155-1A-XRF5-6						22	30	1.5	2	1820	450	820	1591	981	913	313	980	1399
3FS(T)(P)-XRF155-1A-XRF5-7						22	30	1.5	2	1820	450	820	1591	981	913	313	980	1400
3FS(T)(P)-XRF155-1-XRF5-7						30	40	1.5	2	1820	450	820	1591	981	913	313	980	1450
3FS(T)(P)-XRF155-2-2B-XRF5-9						30	40	2.2	3	1820	450	820	1591	981	913	313	980	1479
3FS(T)(P)-XRF155-2-2A-XRF5-9						37	50	2.2	3	1820	450	820	1591	981	913	313	980	1613
3FS(T)(P)-XRF155-2-2-XRF5-9						37	50	2.2	3	1820	450	820	1591	981	913	313	980	1613
3FS(T)(P)-XRF155-2-1A-XRF5-9						45	60	2.2	3	1820	450	820	1591	981	913	313	980	1631
3FS(T)(P)-XRF155-2-1-XRF5-12						45	60	3.7	5	1820	450	820	1591	981	913	313	980	1660
3FS(T)(P)-XRF155-2A-XRF5-12						45	60	3.7	5	1820	450	820	1591	981	913	313	980	1660
3FS(T)(P)-XRF155-2-XRF5-12						55	75	3.7	5	1820	450	820	1591	981	913	313	980	1882
3FS(T)(P)-XRF155-3-3-XRF5-12						55	75	3.7	5	1820	450	820	1591	981	913	313	980	1910
3FS(T)(P)-XRF155-3-3-XRF5-14						55	75	3.7	5	1820	450	820	1591	981	913	313	980	1911
3FS(T)(P)-XRF155-3-2-XRF5-14						75	100	3.7	5	1820	450	820	1591	981	913	313	980	2255
3FS(T)(P)-XRF155-3-1-XRF5-14						75	100	3.7	5	1820	450	820	1591	981	913	313	980	2255
3FS(T)(P)-XRF155-3-XRF5-14						75	100	3.7	5	1820	450	820	1591	981	913	313	980	2369
3FS(T)(P)-XRF155-3-XRF5-16						75	100	3.7	5	1820	450	820	1591	981	913	313	980	2370
3FS(T)(P)-XRF155-4-3-XRF5-20		PN25	PN25	PN25	PN25	75	100	5.5	7.5	1820	450	820	1591	981	913	313	980	2435
3FS(T)(P)-XRF155-4-2-XRF5-20						90	120	5.5	7.5	1820	450	820	1591	981	913	313	980	2555
3FS(T)(P)-XRF155-4-1-XRF5-20						90	120	5.5	7.5	1820	450	820	1591	981	913	313	980	2555
3FS(T)(P)-XRF155-4-1-XRF5-24						90	120	5.5	7.5	1820	450	820	1591	981	913	313	980	2557
3FS(T)(P)-XRF155-4-XRF5-24						90	120	5.5	7.5	1820	450	820	1591	981	913	313	980	2579
3FS(T)(P)-XRF155-5-2-XRF5-24						110	150	5.5	7.5	1820	450	820	1591	981	913	313	980	3047

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소방 패키지 시스템 3FS(T)(P)-XRF 185 SERIES

▶ 외형도



▶ 외형치수 및 중량

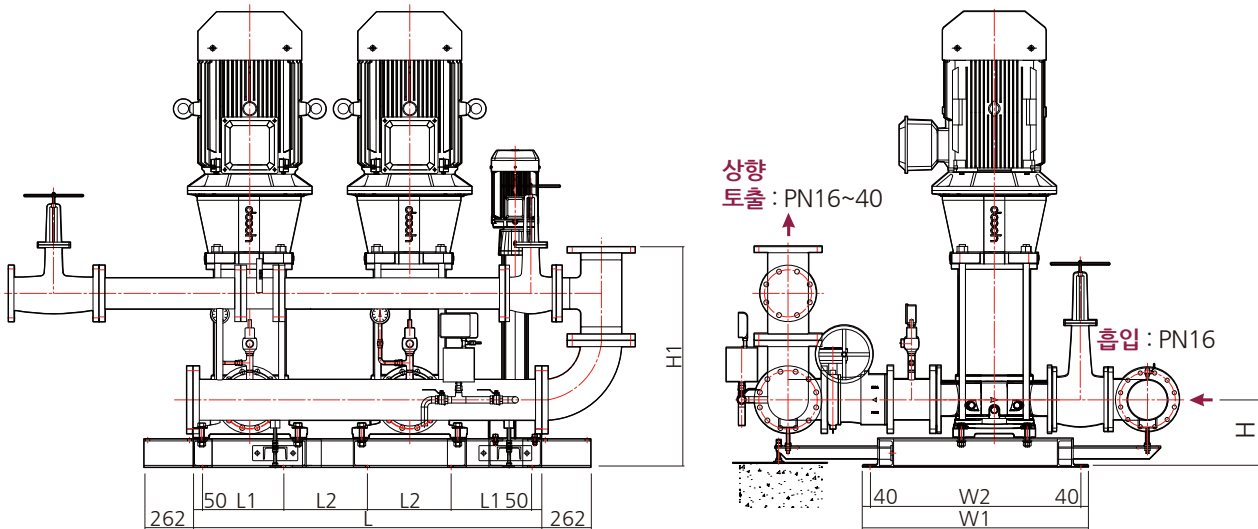
모 델 명	합류관		성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급 흡입 토출	구경	압력 등급	주/예비펌프		총압펌프		L	L1	L2	W	W1	W2	H	H1	
3FS(T)(P)-XRF185-1-1C-XRF5-5					18.5	25	1.5	2	1850	430	445	1909	1200	1120	358	1171	1786
3FS(T)(P)-XRF185-1-1B-XRF5-6					22	30	1.5	2	1850	430	445	1909	1200	1120	358	1171	1890
3FS(T)(P)-XRF185-1-1-XRF5-7					30	40	1.5	2	1850	430	445	1909	1200	1120	358	1171	1921
3FS(T)(P)-XRF185-1-XRF5-7					37	50	1.5	2	1850	430	445	1909	1200	1120	358	1171	2055
3FS(T)(P)-XRF185-1-XRF5-9					37	50	2.2	3	1850	430	445	1909	1200	1120	358	1171	2056
3FS(T)(P)-XRF185-2-2D-XRF5-9					45	60	2.2	3	1850	430	445	1909	1200	1120	358	1171	2154
3FS(T)(P)-XRF185-2-2D-XRF5-12					45	60	3.7	5	1850	430	445	1909	1200	1120	358	1171	2183
3FS(T)(P)-XRF185-2-2C-XRF5-12					45	60	3.7	5	1850	430	445	1909	1200	1120	358	1171	2183
3FS(T)(P)-XRF185-2-2B-XRF5-12		PN16		PN16	55	75	3.7	5	1850	430	445	1909	1200	1120	358	1171	2347
3FS(T)(P)-XRF185-2-2A-XRF5-12					55	75	3.7	5	1850	430	445	1909	1200	1120	358	1171	2347
3FS(T)(P)-XRF185-2-2-XRF5-12					55	75	3.7	5	1850	430	445	1909	1200	1120	358	1171	2347
3FS(T)(P)-XRF185-2-1-XRF5-12					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2667
3FS(T)(P)-XRF185-2-1-XRF5-14					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2668
3FS(T)(P)-XRF185-2-XRF5-12	DN200	PN16	DN150		75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2667
3FS(T)(P)-XRF185-2-XRF5-14					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2668
3FS(T)(P)-XRF185-3-3A-XRF5-14					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2694
3FS(T)(P)-XRF185-3-3A-XRF5-16					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2695
3FS(T)(P)-XRF185-3-3-XRF5-16					90	120	3.7	5	1850	430	445	1909	1200	1120	358	1171	2950
3FS(T)(P)-XRF185-3-3-XRF5-20					90	120	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	2987
3FS(T)(P)-XRF185-3-2-XRF5-20					90	120	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	2987
3FS(T)(P)-XRF185-3-2-XRF5-20					110	120	5.5	7.5	1850	580	350	1909	1200	1120	358	1171	2987
3FS(T)(P)-XRF185-3-XRF5-20		PN25		PN25	110	150	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3507
3FS(T)(P)-XRF185-4-4A-XRF5-20					110	150	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3543
3FS(T)(P)-XRF185-4-4A-XRF5-24					110	150	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3545
3FS(T)(P)-XRF185-4-4-XRF5-20					132	175	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3823
3FS(T)(P)-XRF185-4-4-XRF5-24					132	175	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3825
3FS(T)(P)-XRF185-4-2-XRF5-24		PN40		PN40	132	175	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3825

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소방 패키지 시스템 3FS(T)(P)-XRF 215 SERIES



외형도



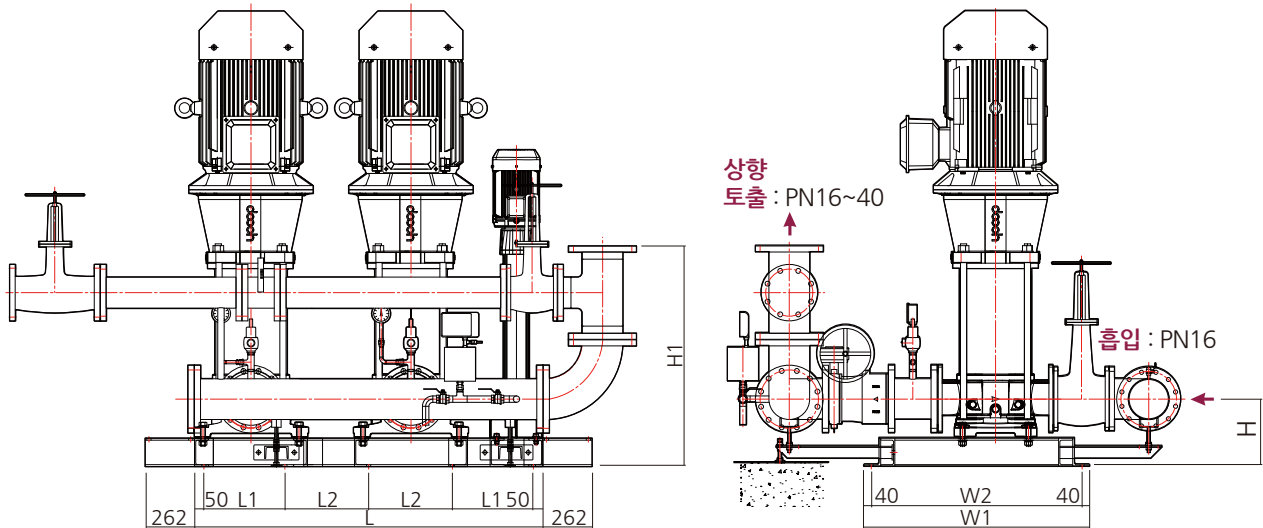
외형치수 및 중량

모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프										
		흡입	토출			kW	HP		kW	HP	L	L1	L2	W	W1	W2	H	
3FS(T)(P)-XRF215-1-1C-XRF5-5	DN200	PN16	DN150	PN16	22	30	1.5	2	1850	430	445	1909	1200	1120	358	1171	1908	
3FS(T)(P)-XRF215-1-1B-XRF5-6					30	40	1.5	2	1850	430	445	1909	1200	1120	358	1171	1938	
3FS(T)(P)-XRF215-1-1A-XRF5-6					30	40	1.5	2	1850	430	445	1909	1200	1120	358	1171	1938	
3FS(T)(P)-XRF215-1-1-XRF5-7					37	50	1.5	2	1850	430	445	1909	1200	1120	358	1171	2073	
3FS(T)(P)-XRF215-1B-XRF5-7					45	60	1.5	2	1850	430	445	1909	1200	1120	358	1171	2099	
3FS(T)(P)-XRF215-1A-XRF5-9					45	60	2.2	3	1850	430	445	1909	1200	1120	358	1171	2100	
3FS(T)(P)-XRF215-1-XRF5-9					55	75	2.2	3	1850	430	445	1909	1200	1120	358	1171	2300	
3FS(T)(P)-XRF215-2-2-XRF5-12					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2685	
3FS(T)(P)-XRF215-2-1A-XRF5-12					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2685	
3FS(T)(P)-XRF215-2-1-XRF5-14					90	120	3.7	5	1850	430	445	1909	1200	1120	358	1171	2806	
3FS(T)(P)-XRF215-2-XRF5-14					110	150	3.7	5	1850	430	445	1909	1200	1120	358	1171	3316	
3FS(T)(P)-XRF215-2-XRF5-16					110	150	3.7	5	1850	430	445	1909	1200	1120	358	1171	3317	
3FS(T)(P)-XRF215-3-2A-XRF5-16		PN25		PN25	110	150	3.7	5	1850	430	445	1909	1200	1120	358	1171	3470	
3FS(T)(P)-XRF215-3-2A-XRF5-20					110	150	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3507	
3FS(T)(P)-XRF215-3-2-XRF5-20					132	175	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3787	
3FS(T)(P)-XRF215-3-1-XRF5-20					132	175	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3787	
3FS(T)(P)-XRF215-3-XRF5-20					160	215	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	4047	
3FS(T)(P)-XRF215-3-XRF5-24					160	215	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	4049	
3FS(T)(P)-XRF215-4-2A-XRF5-24					PN40	PN40	160	215	5.5	7.5	1850	430	445	1909	1200	1120	358	1171

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소방 패키지 시스템 3FS(T)(P)-XRF 255 SERIES

▶ 외형도



▶ 외형치수 및 중량

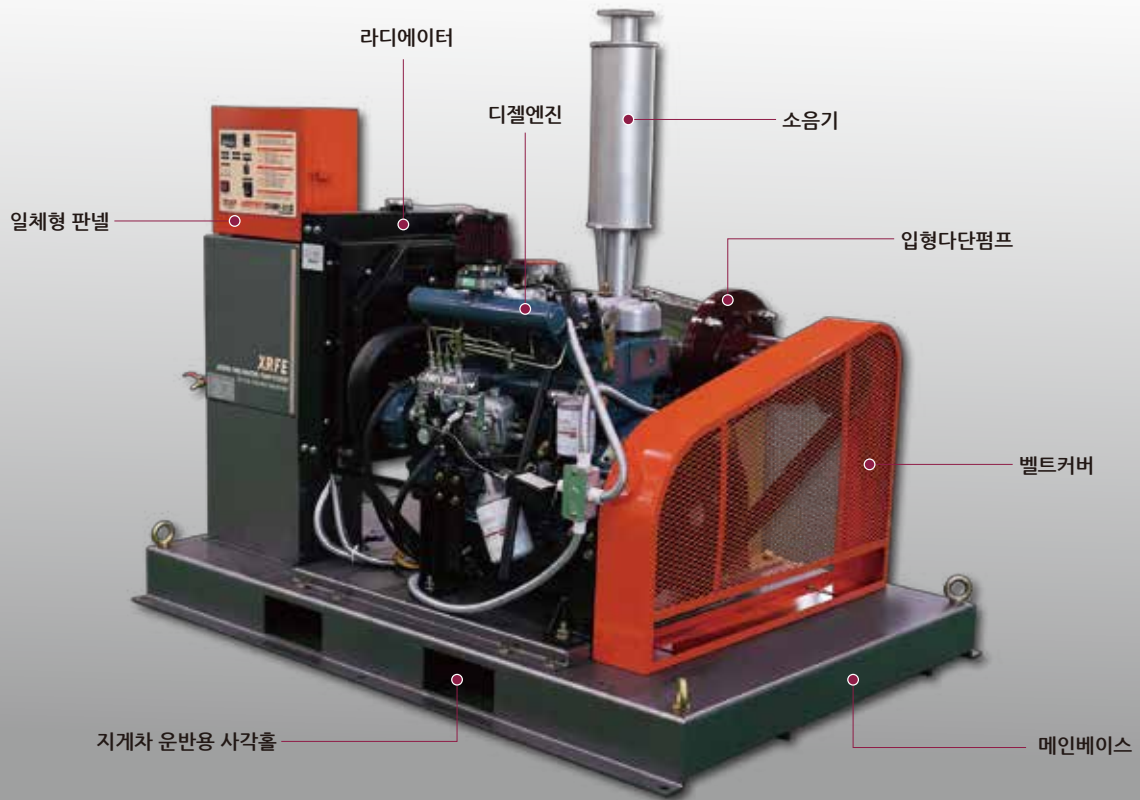
모 델 명	합류관		성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급 흡입 토출	구경	압력 등급	주/예비펌프		총압펌프		L	L1	L2	W	W1	W2	H	H1	
3FS(T)(P)-XRF255-1-1A-XRF5-6	DN200	PN16	PN16	PN16	37	50	1.5	2	1850	430	445	1909	1200	1120	358	1171	2098
3FS(T)(P)-XRF255-1-1-XRF5-7					45	60	1.5	2	1850	430	445	1909	1200	1120	358	1171	2099
3FS(T)(P)-XRF255-1A-XRF5-7					55	75	1.5	2	1850	430	445	1909	1200	1120	358	1171	2299
3FS(T)(P)-XRF255-1A-XRF5-9					55	75	2.2	3	1850	430	445	1909	1200	1120	358	1171	2300
3FS(T)(P)-XRF255-1-XRF5-9					75	100	2.2	3	1850	430	445	1909	1200	1120	358	1171	2620
3FS(T)(P)-XRF255-2-2D-XRF5-12					55	75	3.7	5	1850	430	445	1909	1200	1120	358	1171	2685
3FS(T)(P)-XRF255-2-2C-XRF5-12					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2685
3FS(T)(P)-XRF255-2-2B-XRF5-12					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2685
3FS(T)(P)-XRF255-2-2A-XRF5-12					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2685
3FS(T)(P)-XRF255-2-2-XRF5-12					90	120	3.7	5	1850	430	445	1909	1200	1120	358	1171	2805
3FS(T)(P)-XRF255-2-1-XRF5-12					110	150	3.7	5	1850	430	445	1909	1200	1120	358	1171	3315
3FS(T)(P)-XRF255-2-1-XRF5-14					110	150	3.7	5	1850	430	445	1909	1200	1120	358	1171	3316
3FS(T)(P)-XRF255-2A-XRF5-14		PN25	DN150	PN25	110	150	3.7	5	1850	430	445	1909	1200	1120	358	1171	3316
3FS(T)(P)-XRF255-2A-XRF5-16					110	150	3.7	5	1850	430	445	1909	1200	1120	358	1171	3317
3FS(T)(P)-XRF255-2-XRF5-14					132	175	3.7	5	1850	430	445	1909	1200	1120	358	1171	3596
3FS(T)(P)-XRF255-2-XRF5-16					132	175	3.7	5	1850	430	445	1909	1200	1120	358	1171	3597
3FS(T)(P)-XRF255-3-3-XRF5-16					132	175	3.7	5	1850	430	445	1909	1200	1120	358	1171	3750
3FS(T)(P)-XRF255-3-3-XRF5-20					132	175	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3787
3FS(T)(P)-XRF255-3-2A-XRF5-20				PN40	132	175	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3787
3FS(T)(P)-XRF255-3-2-XRF5-16					160	215	3.7	5	1850	430	445	1909	1200	1120	358	1171	4010
3FS(T)(P)-XRF255-3-2-XRF5-20					160	215	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	4047
3FS(T)(P)-XRF255-3-1-XRF5-20					160	215	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	4047
3FS(T)(P)-XRF255-3-1-XRF5-24					160	215	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	4049
3FS(T)(P)-XRF255-3-XRF5-20					200	268	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	4047
3FS(T)(P)-XRF255-3-XRF5-24					200	268	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	4049
3FS(T)(P)-XRF255-4-2-XRF5-24					200	268	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	4135
3FS(T)(P)-XRF255-4-1-XRF5-24					225	300	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	5335

※ 본 카탈로그의 외형치수는 제품의 품질향상을 위하여 변경 될 수 있습니다.
※ 상향 토출 배관의 좌우 위치는 현장 여건에 따라 변경됩니다.

dooch

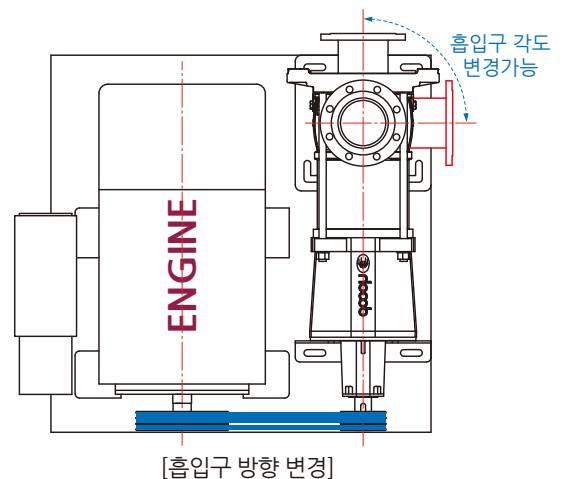
두크펌프

입형다단 엔진펌프 XRFE SERIES



▶ 엔진펌프의 특징점

- 엔진과 입형 다단 펌프가 풀리와 V-Belt로 연결되어 구동.
- 전용 베어링 키트 장착으로 탁월한 내구성 확보.
- 펌프 대부분의 구성품이 스테인리스로 제작되어 부식과 고착의 위험이 없음.
- 구조가 간단하고 고장이 적음.
- 비상 발전기가 필요하지 않아 설치비가 저렴함.
- 좁은 공간에도 설치가 용이함.
- 고유량, 고양정 외 다용도로 활용이 가능.
- 현장 조건에 따라 흡입구의 방향 변경 가능 (90° 변경 가능)



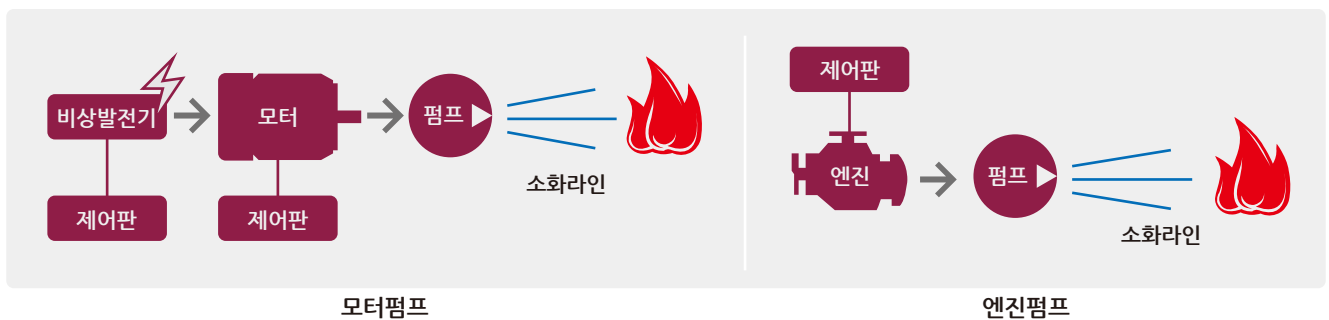
▶ 표시형식

XRFE 64 - 2 - 2A (20PS)

① ② ③ ④ ⑤

- ① 펌프타입 : 소방전용 입형다단 엔진펌프
- ② 공칭유량 (m³/h)
- ③ 총 임펠러 단수
- ④ 소방조건 적용 임펠러
- ⑤ 엔진동력

▶ 엔진펌프와 모터펌프의 시스템 비교

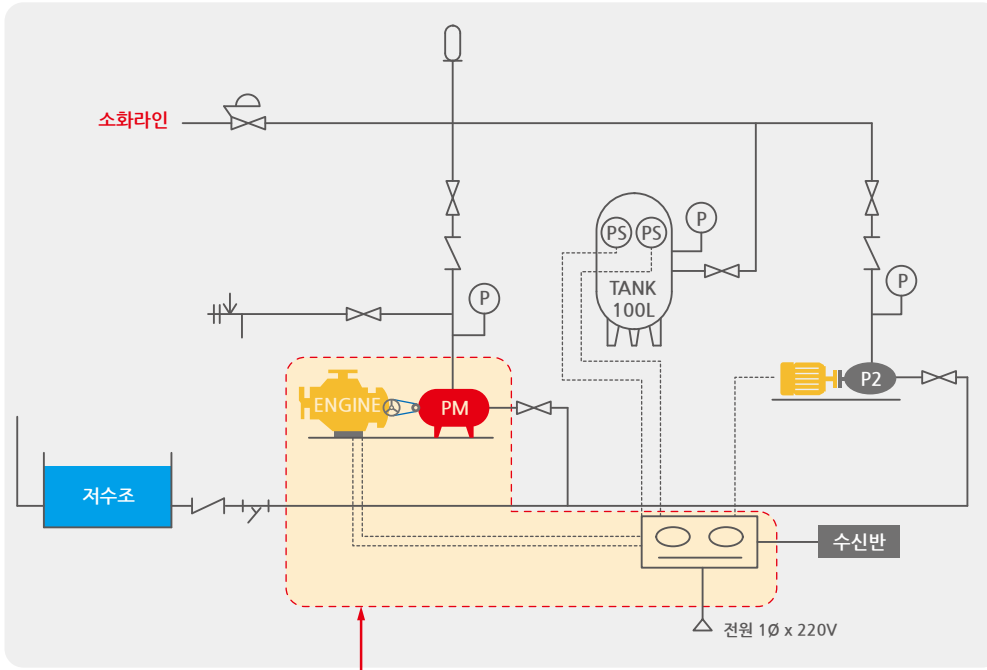


▶ 엔진펌프의 주요 구성



입형다단 엔진펌프 XRFE SERIES

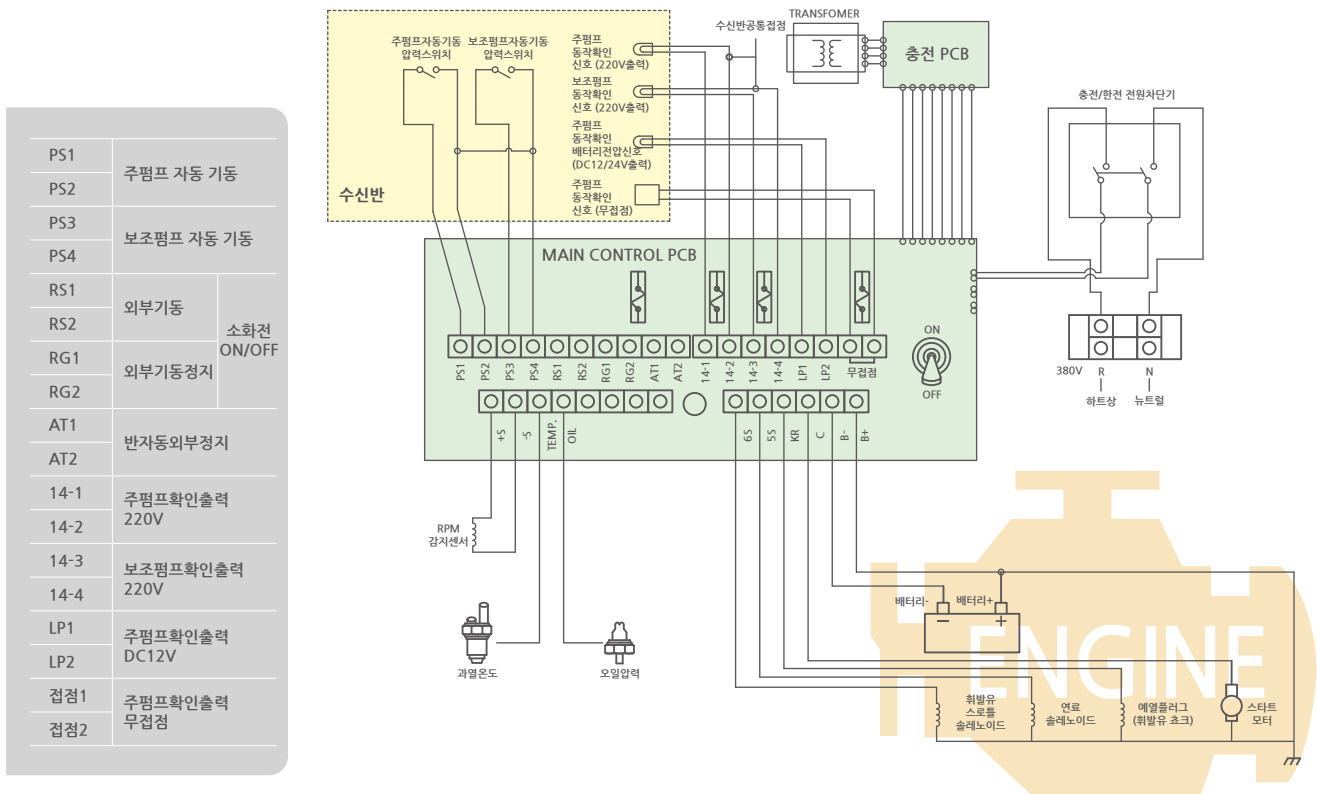
▶ 엔진펌프의 계통도



- 표준형 펌프 시스템
- VENDER SCOPE(DOOCH) : 적색 점선 AREA

범례	
	엔진
	주펌프
	모터
	보조펌프
	게이트밸브
	체크밸브
	수격방지기
	스트레이너
	안전밸브
	후역선밸브
	압력스위치
	압력계
	제어반

▶ 펌프 컨트롤러 회로도



입형다단 엔진펌프 - 소방 선정표

XRFE SERIES



XRFE 10 (7.8~10.2m³/hr)			XRFE 15 (15.6~18m³/hr)		XRFE 20 (18~22.8m³/hr)		XRFE 32 (21~31.2m³/hr)				XRFE 45 (27~48m³/hr)			140%	H (m)
											XRFE 64 (36~63.6m³/hr)			65%	
10-10 10 PS	10-12 10 PS	10-12 20 PS	15-9 20 PS	15-9 20 PS	20-8 20 PS	20-8 20 PS	32-6-2 27 PS	32-6-2 27 PS	32-6-1 27 PS	32-6 27 PS	45-5-3 35 PS	45-5-3 35 PS	45-5-3 35 PS	196 91	140
		10-12 10 PS	15-8 20 PS	15-8 20 PS					32-6-2 27 PS		45-4 35 PS			189 87.8	135
					20-7 20 PS					32-6-2 27 PS		45-4 35 PS		182 84.5	130
10-9 10 PS	10-9 10 PS					20-7 20 PS	32-5 27 PS	32-5 27 PS			45-4-3 35 PS		45-4 35 PS	175 81.3	125
									32-5 27 PS	32-5 27 PS		45-4-3 35 PS		168 78	120
10-8 10 PS		10-9 10 PS	15-7 20 PS	15-7 20 PS							45-4-3 27 PS		45-4-3 35 PS	161 74.8	115
	10-8 10 PS				20-6 20 PS		32-5-2 27 PS	32-5-2 27 PS	32-5-2 27 PS					154 71.5	110
		10-8 10 PS	15-6 20 PS							32-5-2 27 PS		45-4-3 27 PS		147 68.3	105
			15-6A 20 PS	15-6 20 PS			32-4 20 PS	32-4 20 PS	32-4 20 PS		45-3 27 PS	45-4-4A 27 PS	45-4-4A 27 PS	140 65	100
10-7 10 PS			15-6A 10 PS	15-6A 20 PS						32-4 27 PS	45-3-1 27 PS	45-3 27 PS	45-3 27 PS	133 61.8	95
	10-7 10 PS		15-5 10 PS		20-5 20 PS	20-5 20 PS	32-4-2 20 PS	32-4-2 20 PS			45-3-2 27 PS	45-3-1 27 PS		126 58.5	90
10-6 10 PS		10-7 10 PS		15-5 10 PS					32-4-2 20 PS	32-4-1 20 PS		45-3-2 27 PS	45-3-1 27 PS	119 55.3	85
	10-6 10 PS									32-4-2 20 PS	45-3-3A 27 PS	45-3-3A 27 PS	45-3-2 27 PS	112 52	80
		10-6 10 PS			20-4 10 PS	20-4 10 PS	32-3-1 20 PS	32-3 20 PS					45-3-3A 27 PS	105 48.8	75
10-5 10 PS			15-4 10 PS	20-4A 10 PS				32-3-1 20 PS	32-3 20 PS	32-3 20 PS				98 45.5	70
	10-5 10 PS	10-5 10 PS		15-4 10 PS	20-4A 10 PS	20-4A 10 PS	32-3-2 10 PS	32-3-2 10 PS	32-3-2 20 PS		45-2 20 PS	64-2-1 27 PS	64-2-1 27 PS	91 42.3	65
			15-4A 10 PS	15-4A 10 PS	20-4B 10 PS	20-4B 10 PS	32-3-3 10 PS	32-3-3 10 PS	32-3-3 10 PS	32-3-2 20 PS		45-2 20 PS	45-2 20 PS	84 39	60
10-4 10 PS					20-3 10 PS	20-3 10 PS				32-3-3 20 PS	45-2-2 20 PS	45-2-2 20 PS		77 35.8	55
	10-4 10 PS	10-4 10 PS	15-3 10 PS	15-3 10 PS	20-3A 10 PS		32-2 10 PS	32-2 10 PS	45-2-2A 10 PS	45-2-2A 20 PS	45-2-2A 20 PS		45-2-2 20 PS	70 32.5	50
						20-3A 10 PS			32-2 10 PS	45-2-2C 10 PS	45-2-2C 10 PS	45-2-2A 20 PS	64-2-2B 20 PS	63 29.3	45
10-3 10 PS	10-3 10 PS	10-3 10 PS	15-3A 10 PS	15-3A 10 PS	32-2-2 10 PS	32-2-1 10 PS	32-2-1 10 PS	32-2-1 10 PS	32-2-1 10 PS	32-2-1 10 PS		45-2-2B 20 PS		56 26	40
10-3A 10 PS	10-3A 10 PS		15-2 10 PS	15-2 10 PS	20-2 10 PS	32-2-2A 10 PS	32-2-2 10 PS	32-2-2 10 PS	45-1 10 PS	45-1 10 PS	64-1 10 PS	64-1 20 PS	64-1 20 PS	49 22.8	35
		10-3A 10 PS			32-2-2A 10 PS		32-2-2A 10 PS	32-2-2A 10 PS			45-1 10 PS	45-1 10 PS	45-1 10 PS	42 19.5	30
0.13	0.15	0.17	0.26	0.3	0.35	0.38	0.39	0.4	0.45	0.52	0.6	0.7	0.75	100%	Q (m³/min)
0.195	0.225	0.255	0.39	0.45	0.525	0.57	0.585	0.6	0.675	0.78	0.9	1.05	1.125	150%	

※ 선정표 확인 방법

1) H는 양정(m)이며, Q는 유량(m³/min)입니다. 2) 양정의 상단은 경격양정의 140%, 하단은 65%입니다. 3) 표안의 내용 표기는

펌프 모델
동력(PS)

입니다.

입형다단 엔진펌프 - 소방 선정표

XRFE SERIES



H (m)	140%	XRFE 45	XRFE 64(36~63.6m³/hr)				XRFE 95 (57.6~96m³/hr)					XRFE 125 (72~120m³/hr)			
	65%											XRFE 155 (103.8~144m³/hr)		XRFE 185	
140	196 91	45-5-2 46 PS	64-4 46 PS	64-4 46 PS	64-4 60 PS	64-5-2 60 PS	95-4-2 60 PS	95-4-2 60 PS	95-4-1 60 PS	95-4-1 84 PS	95-4-1 84 PS	125-4-3 84 PS	125-4-3 84 PS	125-4-3 84 PS	125-4 84 PS
135	189 87.8		64-4-1 46 PS			64-4 60 PS			95-4-2 60 PS	95-4-2 60 PS		125-3 84 PS	125-3 84 PS	125-3 84 PS	125-4-3 84 PS
130	182 84.5	45-5-3 46 PS	64-4-1A 46 PS	64-4-1 46 PS	64-4-1 46 PS										125-3 84 PS
125	175 81.3	64-4-2 46 PS		64-4-1A 46 PS	64-4-1A 46 PS	64-4-1A 46 PS	95-3 60 PS				95-4-2 60 PS				
120	168 78	45-4 35 PS	64-4-2 46 PS	64-4-2 46 PS	64-4-2 46 PS			95-3 60 PS	95-3 60 PS	95-3 60 PS					
115	161 74.8					64-4-2 46 PS	95-3-1 60 PS	95-3A 60 PS	95-3A 60 PS		95-3 60 PS	125-3-1 60 PS	125-3-1 60 PS	125-3-1 60 PS	
110	154 71.5	45-4-2 35 PS					95-3-1 46 PS	95-3-1 60 PS	95-3-1 60 PS	95-3-1 60 PS		125-3-2 60 PS	125-3-2 60 PS	125-3-2 60 PS	
105	147 68.3		64-3 35 PS	64-3 46 PS			95-3-2 46 PS				95-3-1 60 PS				
100	140 65	64-3-1 35 PS		64-3 35 PS	64-3 46 PS	64-3 46 PS		95-3-2 46 PS	95-3-2 46 PS			125-3-3 60 PS			125-3-2 60 PS
95	133 61.8		64-3-1 35 PS	64-3-1 35 PS	64-3-1 35 PS	64-3-1 35 PS				95-3-2 46 PS			125-3-3 60 PS	125-3-3 60 PS	
90	126 58.5	45-3 27 PS	64-3-2 35 PS								95-3-1A 60 PS				
85	119 55.3		64-3-3 27 PS	64-3-2 35 PS	64-3-2 35 PS	64-3-2 35 PS					125-2 60 PS	125-2 60 PS	125-2 60 PS	125-2 60 PS	125-2 60 PS
80	112 52	45-3-2 27 PS		64-3-3 27 PS	64-3-3 27 PS		95-2 46 PS	95-2 46 PS	95-2 46 PS	125-2-1 46 PS					
75	105 48.8	45-3-3 27 PS				64-3-3 35 PS	95-2-1 35 PS			95-2 46 PS	95-2 46 PS	125-2-1 46 PS	125-2-1 46 PS	125-2-1 46 PS	
70	98 45.5	45-3-3A 27 PS				64-3-3 27 PS		95-2-1 35 PS							155-2-2 60 PS
65	91 42.3	64-2-1 27 PS	64-2 27 PS	64-2 27 PS	64-2 27 PS	64-2 27 PS			95-2-1 35 PS	95-2-1 35 PS	125-2-1A 35 PS				
60	84 39		64-2-1 27 PS	64-2-1 27 PS	64-2-1 27 PS	64-2-1 27 PS	95-2-2 27 PS	95-2-2 27 PS			125-2-2A 35 PS	125-2-1A 35 PS	125-2-1A 35 PS	125-2-1A 35 PS	155-2-2B 46 PS
55	77 35.8	45-2 20 PS	64-2-1 20 PS				95-2-2A 27 PS		95-2-1A 27 PS	95-2-1A 27 PS					
50	70 32.5	45-2-2 20 PS	64-2-2A 20 PS	64-2-2 20 PS	64-2-2 27 PS	64-2-2 27 PS	95-2-2B 27 PS	95-2-2A 27 PS	125-2-2B 27 PS	125-2-2B 27 PS	125-2-2B 27 PS	125-2-2B 27 PS	155-1 35 PS	155-1 35 PS	155-1 46 PS
45	63 29.3	64-2-2B 20 PS	64-2-2B 20 PS	64-2-2A 20 PS	64-2-2 20 PS		125-1 27 PS	125-1 27 PS	125-1 27 PS	125-1 27 PS	125-1 27 PS	155-1A 35 PS	155-1A 35 PS	155-1A 35 PS	155-1A 35 PS
40	56 26			64-2-2B 20 PS	95-1 20 PS	95-1 20 PS	95-1 20 PS	125-1A 27 PS	125-1A 27 PS	125-1A 27 PS	125-1A 27 PS	125-1 27 PS	125-1 27 PS	125-1 27 PS	155-1-1 27 PS
35	49 22.8	64-1 20 PS	64-1 20 PS	95-1A 20 PS	95-1A 20 PS	95-1A 20 PS	95-1A 20 PS	95-1A 20 PS	95-1A 20 PS	95-1 20 PS	95-1 20 PS	125-1A 27 PS	125-1A 27 PS	125-1A 27 PS	
30	42 19.5	45-1 10 PS	64-1A 10 PS	64-1A 10 PS	64-1A 10 PS					95-1A 20 PS	125-1-1A 20 PS	155-1-1A 27 PS	155-1-1A 27 PS	155-1-1A 27 PS	185-1-1C 27 PS
Q (m³/min)	100%	0.8	0.9	0.96	1.0	1.06	1.2	1.4	1.45	1.5	1.6	1.73	1.8	1.86	2.0
	150%	1.2	1.35	1.44	1.5	1.59	1.8	2.1	2.175	2.25	2.4	2.595	2.7	2.79	3.0

입형다단 엔진펌프 - 소방 선정표

XRFE SERIES



XRFE 155		XRFE 185 (120~192m³/hr)									XRFE 255 (180~264m³/hr)				140%	H
XRFE 215 (135~216m³/hr)															65%	(m)
155-3 122 PS	155-3 122 PS	185-3-3 122 PS	185-3-3 122 PS	185-3-3 122 PS	185-3-3 122 PS	185-3-3 122 PS	215-2 170 PS	215-2 170 PS	215-3-2A 170 PS	255-3-3 183 PS	255-3-3 183 PS	255-3-2 204 PS	255-3-2 204 PS	196 91	140	
		185-3-3A 122 PS	185-3-3A 122 PS	185-3-3A 122 PS					215-2 170 PS	255-2 170 PS	255-2 183 PS	255-2 183 PS	255-2 183 PS	189 87.8	135	
					185-3-3A 122 PS		185-3-3 122 PS			255-2A 170 PS	255-2A 170 PS			182 84.5	130	
												255-2A 170 PS		175 81.3	125	
		185-2 122 PS	185-2 122 PS	185-2 122 PS		215-2-1 122 PS	215-2-1 122 PS			255-2-1 170 PS	255-2-1 170 PS		255-2 170 PS	168 78	120	
155-3-1 84 PS	155-3-1 84 PS				185-2 122 PS	185-2 122 PS		215-2-1 122 PS	215-2-1 122 PS			255-2-1 170 PS	255-2-1 170 PS	161 74.8	115	
155-3-3 84 PS		185-2-1 122 PS	185-2-1 122 PS	185-2-1 122 PS			185-2 122 PS							154 71.5	110	
	155-3-2 84 PS	185-2-1 84 PS			185-2-1 122 PS					255-2-2 122 PS				147 68.3	105	
	155-3-3 84 PS	185-2-2 84 PS	185-2-2 84 PS	185-2-2 84 PS		185-2-1 122 PS		215-2-1A 122 PS	255-2-2 122 PS		255-2-2 122 PS			140 65	100	
155-2 84 PS	155-2 84 PS				185-2-2 84 PS	185-2-1 84 PS	185-2-1 84 PS							133 61.8	95	
155-2A 60 PS	155-2A 84 PS					215-2-2 84 PS	215-2-2 84 PS	255-2-2A 122 PS	255-2-2A 122 PS			255-2-2 122 PS		126 58.5	90	
155-2-1 60 PS	155-2A 84 PS	185-2-2A 84 PS	185-2-2A 84 PS	185-2-2A 84 PS		255-2-2B 84 PS	255-2-2B 84 PS							119 55.3	85	
	155-2-1 60 PS	185-2-2C 60 PS	185-2-2B 60 PS	185-2-2B 60 PS	185-2-2A 84 PS	185-2-2A 84 PS	255-2-2C 84 PS	255-2-2B 122 PS						112 52	80	
155-2-2 60 PS		185-2-2D 60 PS	185-2-2C 60 PS	185-2-2C 60 PS	185-2-2C 84 PS	255-2-2D 84 PS		255-2-2C 84 PS						105 48.8	75	
	155-2-1A 60 PS		185-2-2D 60 PS	185-2-2D 60 PS	215-1 84 PS	215-1 84 PS	215-1 84 PS	215-1 84 PS	255-1 84 PS					98 45.5	70	
	155-2-2 60 PS	215-1 60 PS	215-1 60 PS	215-1 60 PS	215-1 60 PS				215-1 84 PS	255-1 84 PS	255-1 84 PS	255-1 122 PS	255-1 122 PS	91 42.3	65	
155-2-2A 46 PS	185-1 60 PS	185-1 60 PS	185-1 60 PS	185-1 60 PS	185-1 60 PS					255-1A 84 PS				84 39	60	
185-1 46 PS						185-1 60 PS	215-1A 60 PS	215-1A 60 PS	255-1-1 60 PS		255-1A 84 PS	255-1A 84 PS		77 35.8	55	
185-1-1 46 PS	185-1-1 46 PS	185-1-1 46 PS	185-1-1 46 PS	185-1-1 46 PS	185-1-1 60 PS		215-1B 60 PS	215-1B 60 PS		255-1-1 60 PS				70 32.5	50	
155-1A 35 PS	155-1 46 PS					185-1-1 60 PS	215-1-1 60 PS	215-1-1 60 PS			255-1-1 60 PS			63 29.3	45	
	155-1A 35 PS	215-1-1B 46 PS	215-1-1B 35 PS	215-1-1B 35 PS	215-1-1A 46 PS	215-1-1A 46 PS	255-1-1A 60 PS	255-1-1A 60 PS						56 26	40	
155-1-1 27 PS	185-1-1B 35 PS				215-1-1B 35 PS	215-1-1B 35 PS								49 22.8	35	
215-1-1C 35 PS	215-1-1C 35 PS	215-1-1C 35 PS	215-1-1C 35 PS	215-1-1C 35 PS										42 19.5	30	
2.25	2.4	2.6	2.66	2.7	2.8	3.0	3.2	3.4	3.6	3.8	4	4.2	4.4	100%	Q	
3.375	3.6	3.9	3.99	4.05	4.2	4.5	4.8	5.1	5.4	5.7	6	6.3	6.6	150%	(m³/min)	

※ 선정표 확인 방법

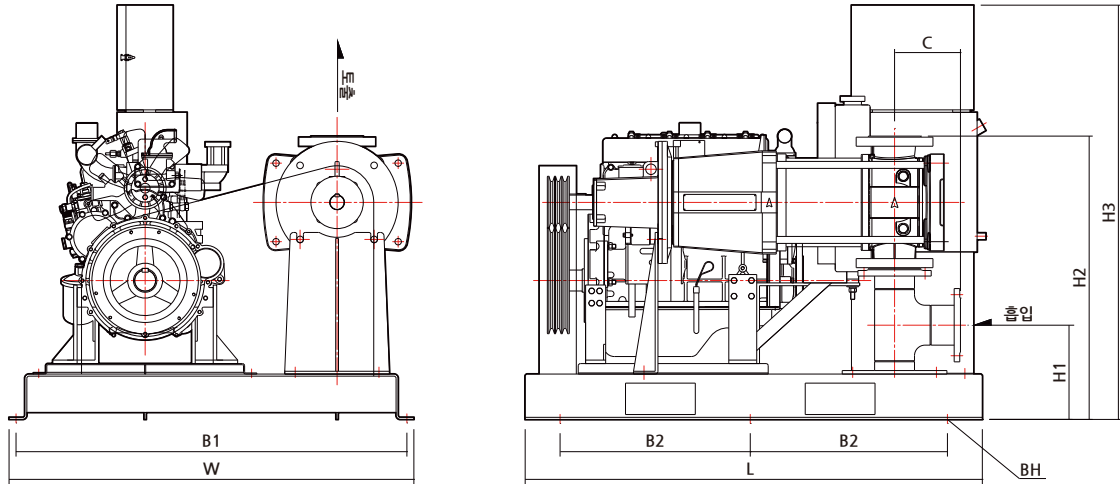
1) H는 양정(m)이며, Q는 유량(m³/min)입니다. 2) 양정의 상단은 정격양정의 140%, 하단은 65%입니다. 3) 표안의 내용 표기는

펌프 모델
동력(PS)입니다.

입형다단 엔진펌프

XRFE 10 / XRFE 15 / XRFE 20 SERIES

외형도



※ 20PS의 경우 베이스플레이트의 양카볼트 지지면(W, B1)이 평면상 90° 회전되어 배치됩니다.

외형치수 및 중량

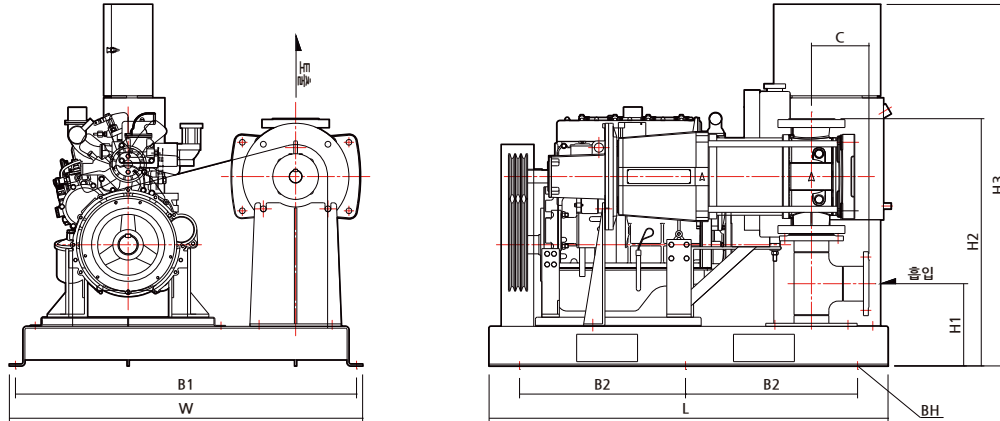
모델명	동력	흡입/토출 구경	압력등급		외형치수(mm)									중량 (kg)
			흡입	토출	W	B1	L	B2	H1	H2	H3	C	BH	
XRFE 10-3A	10PS	DN40	PN16	PN16	900	860	1200	500	218	612.5	1137	141	6-Ø18	305
XRFE 10-3	10PS	DN40	PN16	PN16	900	860	1200	500	218	612.5	1137	141	6-Ø18	305
XRFE 10-4	10PS	DN40	PN16	PN16	900	860	1200	500	218	612.5	1137	141	6-Ø18	306
XRFE 10-5	10PS	DN40	PN16	PN16	900	860	1200	500	218	612.5	1137	141	6-Ø18	310
XRFE 10-6	10PS	DN40	PN16	PN16	900	860	1200	500	218	612.5	1137	141	6-Ø18	312
XRFE 10-7	10PS	DN40	PN16	PN16	900	860	1200	500	218	612.5	1137	141	6-Ø18	313
XRFE 10-8	10PS	DN40	PN16	PN16	900	860	1200	500	218	612.5	1137	141	6-Ø18	306
XRFE 10-9	10PS	DN40	PN16	PN16	900	860	1200	500	218	612.5	1137	141	6-Ø18	307
XRFE 10-10	10PS	DN40	PN16	PN16	900	860	1200	500	218	612.5	1137	141	6-Ø18	309
XRFE 10-12	10PS	DN40	PN16	PN25	900	860	1200	500	218	612.5	1137	141	6-Ø18	311
XRFE 15-2	10PS	DN50	PN16	PN16	900	860	1120	460	230	650.5	1137	147.5	6-Ø18	300
XRFE 15-3A	10PS	DN50	PN16	PN16	900	860	1120	460	230	650.5	1137	147.5	6-Ø18	302
XRFE 15-3	10PS	DN50	PN16	PN16	900	860	1120	460	230	650.5	1137	147.5	6-Ø18	302
XRFE 15-4A	10PS	DN50	PN16	PN16	900	860	1120	460	230	650.5	1137	147.5	6-Ø18	296
XRFE 15-4	10PS	DN50	PN16	PN16	900	860	1120	460	230	650.5	1137	147.5	6-Ø18	296
XRFE 15-5	10PS	DN50	PN16	PN16	900	860	1120	460	230	650.5	1137	147.5	6-Ø18	297
XRFE 15-6A	10PS	DN50	PN16	PN16	900	860	1120	460	230	650.5	1137	147.5	6-Ø18	306
XRFE 15-6A	20PS	DN50	PN16	PN16	1350	1310	1250	525	230	650.5	1137	147.5	6-Ø18	519
XRFE 15-6	20PS	DN50	PN16	PN16	1350	1310	1250	525	230	650.5	1137	147.5	6-Ø18	519
XRFE 15-7	20PS	DN50	PN16	PN16	1350	1310	1250	525	230	650.5	1137	147.5	6-Ø18	520
XRFE 15-8	20PS	DN50	PN16	PN16	1350	1310	1250	525	230	650.5	1137	147.5	6-Ø18	522
XRFE 15-9	20PS	DN50	PN16	PN25	1350	1310	1250	525	230	650.5	1137	147.5	6-Ø18	523
XRFE 20-2	10PS	DN50	PN16	PN16	900	860	1120	460	230	650.5	1137	147.5	6-Ø18	300
XRFE 20-3A	10PS	DN50	PN16	PN16	900	860	1120	460	230	650.5	1137	147.5	6-Ø18	294
XRFE 20-3	10PS	DN50	PN16	PN16	900	860	1120	460	230	650.5	1137	147.5	6-Ø18	294
XRFE 20-4B	10PS	DN50	PN16	PN16	900	860	1120	460	230	650.5	1137	147.5	6-Ø18	296
XRFE 20-4A	10PS	DN50	PN16	PN16	900	860	1120	460	230	650.5	1137	147.5	6-Ø18	296
XRFE 20-4	10PS	DN50	PN16	PN16	900	860	1120	460	230	650.5	1137	147.5	6-Ø18	296
XRFE 20-5	20PS	DN50	PN16	PN16	1350	1310	1250	525	230	650.5	1137	147.5	6-Ø18	517
XRFE 20-6	20PS	DN50	PN16	PN16	1350	1310	1250	525	230	650.5	1137	147.5	6-Ø18	519
XRFE 20-7	20PS	DN50	PN16	PN16	1350	1310	1250	525	230	650.5	1137	147.5	6-Ø18	520
XRFE 20-8	20PS	DN50	PN16	PN25	1350	1310	1250	525	230	650.5	1137	147.5	6-Ø18	522

※상기 명시되지 않은 모델은 본사 문의 바랍니다.

입형다단 엔진펌프 XRFE 32 / XRFE 45 SERIES



▶ 외형도



▶ 외형치수 및 중량

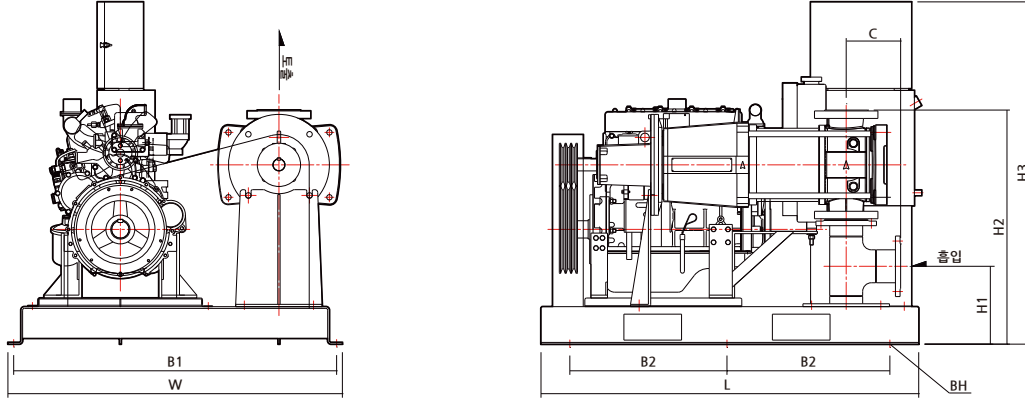
※ 20PS의 경우 베이스플레이트의 양카볼트 지지면(W, B1)이 평면상 90° 회전되어 배치됩니다.

모 델 명	동력	흡입/토출 구경	압력등급		외형치수(mm)									중량 (kg)
			흡입	토출	W	B1	L	B2	H1	H2	H3	C	BH	
XRFE 32-2-2A	10PS	DN65	PN16	PN16	950	910	1200	500	235	688	1137	160	6-Ø18	343
XRFE 32-2-2	10PS	DN65	PN16	PN16	950	910	1200	500	235	688	1137	160	6-Ø18	335
XRFE 32-2-1	10PS	DN65	PN16	PN16	950	910	1200	500	235	688	1137	160	6-Ø18	335
XRFE 32-2	10PS	DN65	PN16	PN16	950	910	1200	500	235	688	1137	160	6-Ø18	335
XRFE 32-3-3	10PS	DN65	PN16	PN16	950	910	1200	500	235	688	1137	160	6-Ø18	354
XRFE 32-3-3	20PS	DN65	PN16	PN16	1480	1440	1250	525	235	688	1137	160	6-Ø18	559
XRFE 32-3-2	10PS	DN65	PN16	PN16	950	910	1200	500	235	688	1137	160	6-Ø18	354
XRFE 32-3-2	20PS	DN65	PN16	PN16	1480	1440	1250	525	235	688	1137	160	6-Ø18	559
XRFE 32-3-1	20PS	DN65	PN16	PN16	1480	1440	1250	525	235	688	1137	160	6-Ø18	559
XRFE 32-3	20PS	DN65	PN16	PN16	1480	1440	1250	525	235	688	1137	160	6-Ø18	559
XRFE 32-4-2	20PS	DN65	PN16	PN16	1480	1440	1250	525	235	688	1137	160	6-Ø18	563
XRFE 32-4-1	20PS	DN65	PN16	PN16	1480	1440	1250	525	235	688	1137	160	6-Ø18	563
XRFE 32-4	20PS	DN65	PN16	PN16	1480	1440	1250	525	235	688	1137	160	6-Ø18	563
XRFE 32-4	27PS	DN65	PN16	PN16	1100	1060	1370	585	235	688	1187	160	6-Ø18	585
XRFE 32-5-2	27PS	DN65	PN16	PN16	1100	1060	1370	585	235	688	1187	160	6-Ø18	588
XRFE 32-5	27PS	DN65	PN16	PN16	1100	1060	1370	585	235	688	1187	160	6-Ø18	588
XRFE 32-6-2	27PS	DN65	PN16	PN16	1100	1060	1370	585	235	688	1187	160	6-Ø18	591
XRFE 32-6-1	27PS	DN65	PN16	PN16	1100	1060	1370	585	235	688	1187	160	6-Ø18	591
XRFE 32-6	27PS	DN65	PN16	PN25	1100	1060	1370	585	235	688	1187	160	6-Ø18	591
XRFE 45-1	10PS	DN80	PN16	PN16	950	910	1200	500	270	777.5	1137	189.5	6-Ø18	350
XRFE 45-2-2C	10PS	DN80	PN16	PN16	950	910	1200	500	270	777.5	1137	189.5	6-Ø18	365
XRFE 45-2-2B	20PS	DN80	PN16	PN16	1350	1310	1250	525	270	777.5	1137	189.5	6-Ø18	565
XRFE 45-2-2A	10PS	DN80	PN16	PN16	950	910	1200	500	270	777.5	1137	189.5	6-Ø18	365
XRFE 45-2-2A	20PS	DN80	PN16	PN16	1350	1310	1250	525	270	777.5	1137	189.5	6-Ø18	565
XRFE 45-2-2	20PS	DN80	PN16	PN16	1350	1310	1250	525	270	777.5	1137	189.5	6-Ø18	565
XRFE 45-2	20PS	DN80	PN16	PN16	1350	1310	1250	525	270	777.5	1137	189.5	6-Ø18	565
XRFE 45-3-3A	27PS	DN80	PN16	PN16	1180	1140	1550	675	270	777.5	1187	189.5	6-Ø18	614
XRFE 45-3-3	27PS	DN80	PN16	PN16	1180	1140	1550	675	270	777.5	1187	189.5	6-Ø18	614
XRFE 45-3-2	27PS	DN80	PN16	PN16	1180	1140	1550	675	270	777.5	1187	189.5	6-Ø18	614
XRFE 45-3-1	27PS	DN80	PN16	PN16	1180	1140	1550	675	270	777.5	1187	189.5	6-Ø18	614
XRFE 45-3	27PS	DN80	PN16	PN16	1180	1140	1550	675	270	777.5	1187	189.5	6-Ø18	614
XRFE 45-4-4A	27PS	DN80	PN16	PN16	1180	1140	1550	675	270	777.5	1187	189.5	6-Ø18	622
XRFE 45-4-3	27PS	DN80	PN16	PN16	1180	1140	1550	675	270	777.5	1187	189.5	6-Ø18	622
XRFE 45-4-3	35PS	DN80	PN16	PN16	1180	1140	1550	675	270	777.5	1187	189.5	6-Ø18	635
XRFE 45-4-2	35PS	DN80	PN16	PN16	1180	1140	1550	675	270	777.5	1187	189.5	6-Ø18	635
XRFE 45-4	35PS	DN80	PN16	PN16	1180	1140	1550	675	270	777.5	1187	189.5	6-Ø18	635
XRFE 45-5-3	35PS	DN80	PN16	PN16	1180	1140	1550	675	270	777.5	1187	189.5	6-Ø18	640

※상기 명시되지 않은 모델은 본사 문의 바랍니다.

입형다단 엔진펌프 XRFE 64 / XRFE 95 SERIES

▶ 외형도



▶ 외형치수 및 중량

※ 20PS의 경우 베이스플레이트의 양카볼트 지지면(W, B1)이 평면상 90° 회전되어 배치됩니다.

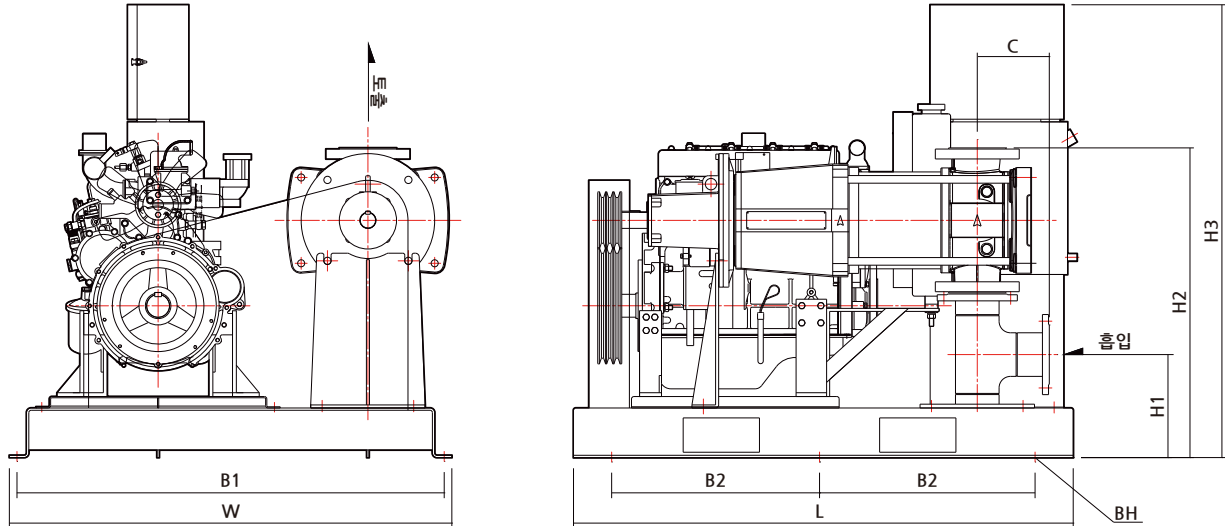
모델명	동력	흡입/토출 구경	압력등급		외형치수(mm)									중량 (kg)
			흡입	토출	W	B1	L	B2	H1	H2	H3	C	BH	
XRFE 64-1A	10PS	DN100	PN16	PN16	1270	1230	1400	600	270	797	1137	189	6-Ø18	407
XRFE 64-1	10PS	DN100	PN16	PN16	1270	1230	1400	600	270	797	1137	189	6-Ø18	407
XRFE 64-1	20PS	DN100	PN16	PN16	1220	1180	1350	575	270	797	1137	189	6-Ø18	570
XRFE 64-2-2B	20PS	DN100	PN16	PN16	1220	1180	1350	575	270	797	1137	189	6-Ø18	574
XRFE 64-2-2A	20PS	DN100	PN16	PN16	1220	1180	1350	575	270	797	1137	189	6-Ø18	574
XRFE 64-2-2	20PS	DN100	PN16	PN16	1220	1180	1350	575	270	797	1137	189	6-Ø18	574
XRFE 64-2-2	27PS	DN100	PN16	PN16	1270	1230	1400	600	270	797	1187	189	6-Ø18	615
XRFE 64-2-1	20PS	DN100	PN16	PN16	1270	1230	1400	600	270	797	1187	189	6-Ø18	574
XRFE 64-2-1	27PS	DN100	PN16	PN16	1270	1230	1400	600	270	797	1187	189	6-Ø18	615
XRFE 64-2	27PS	DN100	PN16	PN16	1270	1230	1400	600	270	797	1187	189	6-Ø18	615
XRFE 64-3-3	27PS	DN100	PN16	PN16	1270	1230	1400	600	270	797	1187	189	6-Ø18	623
XRFE 64-3-3	35PS	DN100	PN16	PN16	1270	1230	1400	600	270	797	1187	189	6-Ø18	636
XRFE 64-3-2	35PS	DN100	PN16	PN16	1270	1230	1400	600	270	797	1187	189	6-Ø18	636
XRFE 64-3-1	35PS	DN100	PN16	PN16	1270	1230	1400	600	270	797	1187	189	6-Ø18	636
XRFE 64-3	35PS	DN100	PN16	PN16	1270	1230	1400	600	270	797	1187	189	6-Ø18	636
XRFE 64-3	46PS	DN100	PN16	PN16	1270	1230	1650	725	270	797	1187	189	6-Ø18	779
XRFE 64-4-2	46PS	DN100	PN16	PN16	1270	1230	1650	725	270	797	1187	189	6-Ø18	782
XRFE 64-4-1A	46PS	DN100	PN16	PN16	1270	1230	1650	725	270	797	1187	189	6-Ø18	782
XRFE 64-4-1	46PS	DN100	PN16	PN16	1270	1230	1650	725	270	797	1187	189	6-Ø18	782
XRFE 64-4	46PS	DN100	PN16	PN25	1270	1230	1650	725	270	797	1187	189	6-Ø18	782
XRFE 95-1A	20PS	DN100	PN16	PN16	1270	1230	1350	575	270	812	1137	189	6-Ø18	603
XRFE 95-1	20PS	DN100	PN16	PN16	1270	1230	1350	575	270	812	1137	189	6-Ø18	603
XRFE 95-2-2B	27PS	DN100	PN16	PN16	1270	1230	1400	600	270	812	1187	189	6-Ø18	644
XRFE 95-2-2A	27PS	DN100	PN16	PN16	1270	1230	1400	600	270	812	1187	189	6-Ø18	644
XRFE 95-2-2	27PS	DN100	PN16	PN16	1270	1230	1400	600	270	812	1187	189	6-Ø18	644
XRFE 95-2-1A	27PS	DN100	PN16	PN16	1270	1230	1400	600	270	812	1187	189	6-Ø18	644
XRFE 95-2-1	35PS	DN100	PN16	PN16	1270	1230	1400	600	270	812	1187	189	6-Ø18	657
XRFE 95-2	46PS	DN100	PN16	PN16	1270	1230	1700	750	270	812	1187	189	6-Ø18	806
XRFE 95-3-2	46PS	DN100	PN16	PN16	1270	1230	1700	750	270	812	1187	189	6-Ø18	820
XRFE 95-3-1A	60PS	DN100	PN16	PN16	1270	1230	1700	750	270	812	1187	189	6-Ø18	834
XRFE 95-3-1	46PS	DN100	PN16	PN16	1270	1230	1700	750	270	812	1187	189	6-Ø18	820
XRFE 95-3-1	60PS	DN100	PN16	PN16	1270	1230	1700	750	270	812	1187	189	6-Ø18	834
XRFE 95-3A	60PS	DN100	PN16	PN16	1270	1230	1700	750	270	812	1187	189	6-Ø18	834
XRFE 95-3	60PS	DN100	PN16	PN16	1270	1230	1700	750	270	812	1187	189	6-Ø18	834
XRFE 95-4-2	60PS	DN100	PN16	PN16	1270	1230	1700	750	270	812	1187	189	6-Ø18	841
XRFE 95-4-1	60PS	DN100	PN16	PN25	1270	1230	1700	750	270	812	1187	189	6-Ø18	866
XRFE 95-4-1	84PS	DN100	PN16	PN25	1270	1230	1700	750	270	812	1677	189	6-Ø18	956

※상기 명시되지 않은 모델은 본사 문의 바랍니다.

입형다단 엔진펌프 XRFE 125 / XRFE 155 SERIES



외형도



※ 20PS의 경우 베이스플레이트의 양카볼트 지지면(W, B1)이 평면상 90° 회전되어 배치됩니다.

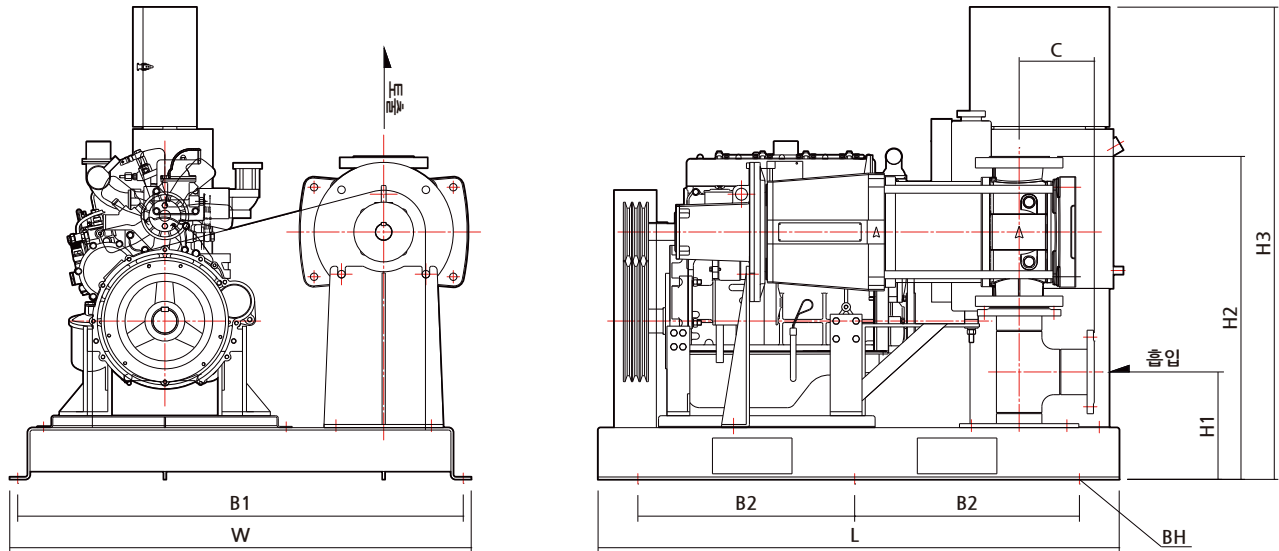
외형치수 및 중량

모델명	동력	흡입/토출 구경	압력등급		외형치수(mm)									중량 (kg)
			흡입	토출	W	B1	L	B2	H1	H2	H3	C	BH	
XRFE 125-1-1A	20PS	DN150	PN16	PN16	1350	1310	1450	625	334.5	1019.5	1161.5	297	6-Ø18	785
XRFE 125-1A	27PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	871
XRFE 125-1	27PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	871
XRFE 125-2-2B	27PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	896
XRFE 125-2-2A	35PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	909
XRFE 125-2-1A	35PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	926
XRFE 125-2-1	46PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	1045
XRFE 125-2	60PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	1059
XRFE 125-3-3	60PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	1102
XRFE 125-3-2	60PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	1090
XRFE 125-3-1	60PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	1090
XRFE 125-3	84PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1703	297	6-Ø18	1194
XRFE 125-4-3	84PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1703	297	6-Ø18	1222
XRFE 125-4	84PS	DN150	PN16	PN25	1400	1360	1750	775	336	1021	1703	297	6-Ø18	1222
XRFE 155-1-1A	27PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	871
XRFE 155-1-1	27PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	871
XRFE 155-1A	35PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	884
XRFE 155-1	35PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	901
XRFE 155-1	46PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	1031
XRFE 155-2-2B	46PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	1045
XRFE 155-2-2A	46PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	1045
XRFE 155-2-2	60PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	1059
XRFE 155-2-1A	60PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	1047
XRFE 155-2-1	60PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	1047
XRFE 155-2A	60PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1213	297	6-Ø18	1047
XRFE 155-2A	84PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1703	297	6-Ø18	1139
XRFE 155-2	84PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1703	297	6-Ø18	1151
XRFE 155-3-3	84PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1703	297	6-Ø18	1194
XRFE 155-3-2	84PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1703	297	6-Ø18	1194
XRFE 155-3-1	84PS	DN150	PN16	PN16	1400	1360	1750	775	336	1021	1703	297	6-Ø18	1194
XRFE 155-3	122PS	DN150	PN16	PN16	1800	1760	1650	725	336	1021	1703	297	6-Ø18	1432

※상기 명시되지 않은 모델은 본사 문의 바랍니다.

입형다단 엔진펌프 XRFE 185 / XRFE 215 SERIES

외형도

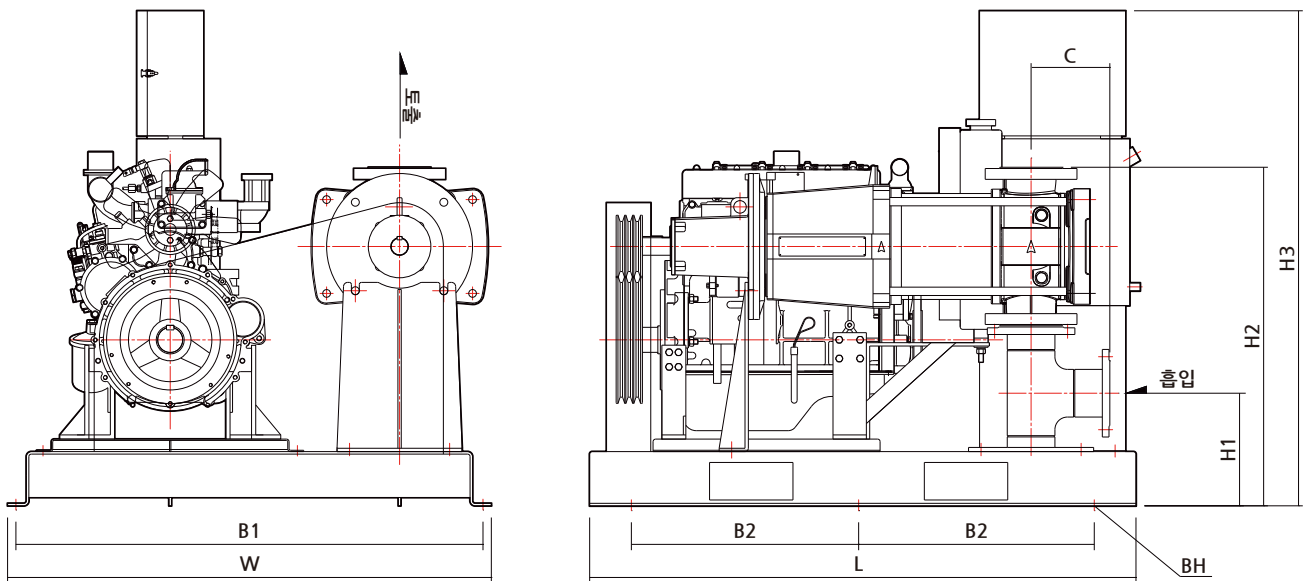


외형치수 및 중량

모델명	동력	흡입/토출 구경	압력등급		외형치수(mm)									중량 (kg)
			흡입	토출	W	B1	L	B2	H1	H2	H3	C	BH	
XRFE 185-1-1C	27PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	975
XRFE 185-1-1B	35PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1003
XRFE 185-1-1	46PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1122
XRFE 185-1-1	60PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1135
XRFE 185-1	46PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1122
XRFE 185-1	60PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1135
XRFE 185-2-2D	60PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1180
XRFE 185-2-2C	60PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1180
XRFE 185-2-2C	84PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1703	332	6-Ø18	1269
XRFE 185-2-2B	60PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1212
XRFE 185-2-2A	84PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1703	332	6-Ø18	1300
XRFE 185-2-2	84PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1703	332	6-Ø18	1300
XRFE 185-2-1	84PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1703	332	6-Ø18	1300
XRFE 185-2-1	122PS	DN200	PN16	PN16	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1590
XRFE 185-2	122PS	DN200	PN16	PN16	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1590
XRFE 185-3-3A	122PS	DN200	PN16	PN16	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1601
XRFE 185-3-3	122PS	DN200	PN16	PN25	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1601
XRFE 215-1-1C	35PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1003
XRFE 215-1-1B	35PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1003
XRFE 215-1-1B	46PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1122
XRFE 215-1-1A	46PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1122
XRFE 215-1-1	60PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1127
XRFE 215-1B	60PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1127
XRFE 215-1A	60PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1127
XRFE 215-1	60PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1158
XRFE 215-1	84PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1703	332	6-Ø18	1246
XRFE 215-2-2	84PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1703	332	6-Ø18	1300
XRFE 215-2-1A	122PS	DN200	PN16	PN16	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1590
XRFE 215-2-1	122PS	DN200	PN16	PN16	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1590
XRFE 215-2	170PS	DN200	PN16	PN16	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1618
XRFE 215-3-2A	170PS	DN200	PN16	PN25	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1629

※상기 명시되지 않은 모델은 본사 문의 바랍니다.

▶ 외형도



▶ 외형치수 및 중량

모 델 명	동력	흡입/토출 구경	압력등급		외형치수(mm)									중량 (kg)
			흡입	토출	W	B1	L	B2	H1	H2	H3	C	BH	
XRFE 255-1-1A	60PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1127
XRFE 255-1-1	60PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1213	332	6-Ø18	1127
XRFE 255-1A	84PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1703	332	6-Ø18	1246
XRFE 255-1	84PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1703	332	6-Ø18	1246
XRFE 255-1	122PS	DN200	PN16	PN16	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1536
XRFE 255-2-2D	84PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1703	332	6-Ø18	1300
XRFE 255-2-2C	84PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1703	332	6-Ø18	1300
XRFE 255-2-2B	84PS	DN200	PN16	PN16	1500	1460	1730	765	376	1226	1703	332	6-Ø18	1300
XRFE 255-2-2B	122PS	DN200	PN16	PN16	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1590
XRFE 255-2-2A	122PS	DN200	PN16	PN16	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1590
XRFE 255-2-2	122PS	DN200	PN16	PN16	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1590
XRFE 255-2-1	170PS	DN200	PN16	PN16	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1618
XRFE 255-2A	170PS	DN200	PN16	PN16	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1618
XRFE 255-2	170PS	DN200	PN16	PN16	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1618
XRFE 255-2	183PS	DN200	PN16	PN16	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1618
XRFE 255-3-3	183PS	DN200	PN16	PN25	1950	1910	1900	850	376	1226	1703	332	6-Ø18	1629
XRFE 255-3-2	204PS	DN200	PN16	PN25	2120	2080	1750	775	376	1226	1703	332	6-Ø18	1724

※상기 명시되지 않은 모델은 본사 문의 바랍니다.

OSC 공법기반 소방 엔진 패키지 시스템

▶ 특징점

1. **OSC 공법**에 최적화 된 소방 엔진 패키지 시스템
2. **소방 주펌프와 예비(디젤엔진)펌프, 충압펌프가 하나의 시스템**으로 이루어져 흡·토출 합류관, 성능시험배관, 밸브, 내진베이스 등이 일체형으로 이루어진 차세대 시스템입니다.
3. 각 펌프는 부식 및 고착에 강한 스테인리스 재질의 입형다단 원심펌프가 적용되어 뛰어난 시스템 안정성을 보장합니다.
4. 각 펌프가 하나의 시스템으로 이루어져 설치 공정이 쉬우며, 배관 설비가 간단하여 빠른 설치가 가능합니다.
5. 소방 시스템별 내진설계 적용으로 별도의 방진가대 및 내진스토퍼가 필요하지 않습니다. (구조 검토서 제공 예정)
6. 전원의 이상 유무와 관계 없이 축전지를 사용하여 항상 펌프를 기동 할 수 있는 **내연기관(디젤엔진)을 예비펌프로** 설치합니다.

▶ 3FSTE XRF 10~255 SERIES



※ 본 카탈로그의 내용과 제품의 공급 범위는 제품의 품질향상을 위하여 예고없이 변경될 수 있습니다.

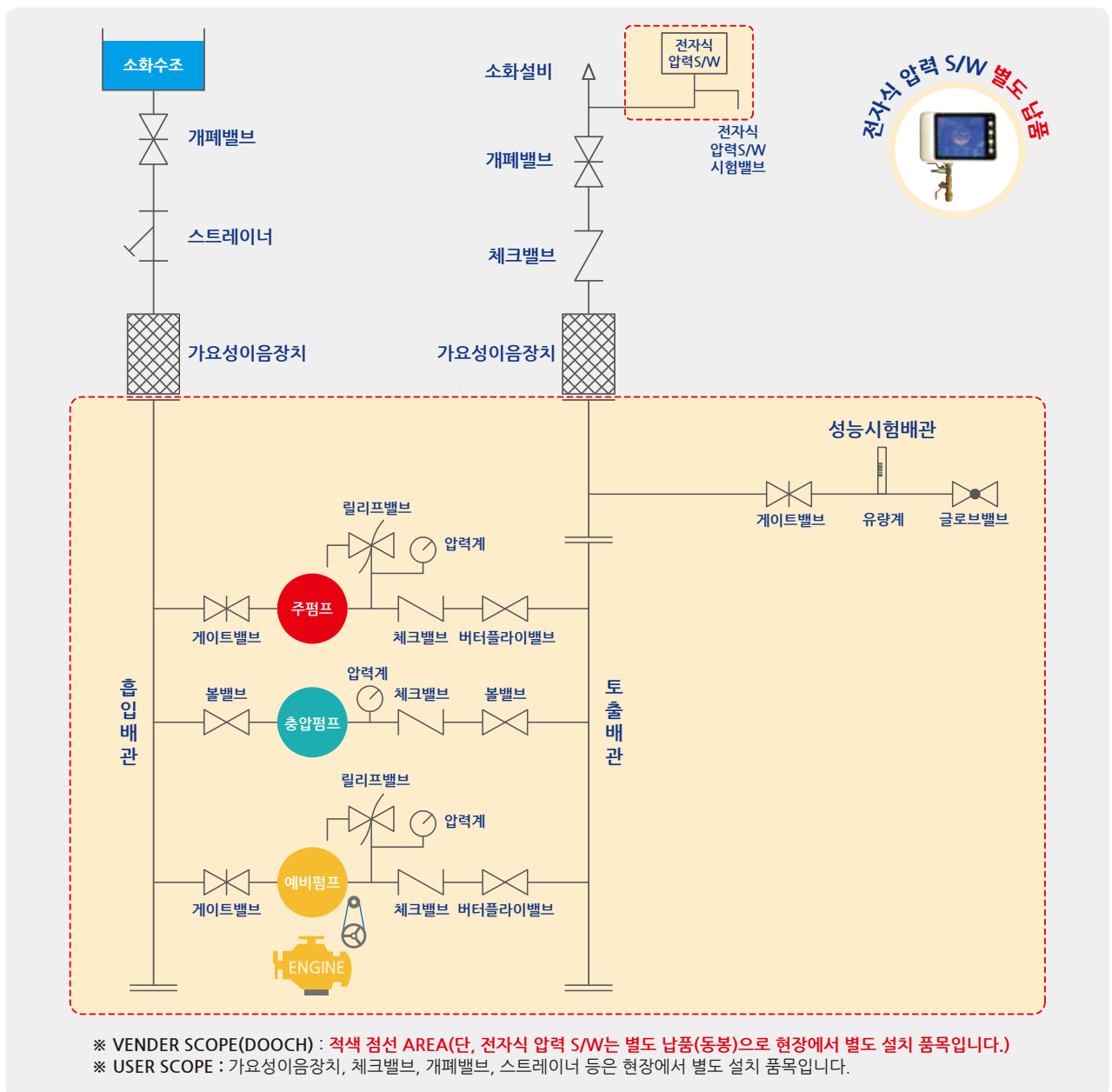
▶ 표시형식

3 FSTE - XRF 155-2(55kW, 84PS) - 150A - XRF 5-12(3.7kW)

① ② ③ ④ ⑤

- ① 총 펌프 대수 3 : 주펌프 1대 + 예비(디젤엔진)펌프 1대 + 충압펌프 1대
- ② 모델명 : 소방 엔진 패키지 시스템
- ③ 주펌프, 예비(디젤엔진)펌프 모델명(모터동력, 엔진동력)
- ④ 메인 흡·토출 배관 구경
- ⑤ 충압펌프 모델명(모터동력)

▶ 계통도와 공급 범위



소방 엔진 패키지 시스템 - 소방 선정표

FSTE SERIES

H (m)	140%	3FSTE-XRF10 (7.8~10.2m³/hr)			3FSTE-XRF15 (15.6~18m³/hr)		3FSTE-XRF20 (18~22.8m³/hr)
	65%						
140	196	XRF10-10/40A/XRF5-16	XRF10-12/40A/XRF5-16	XRF10-12/40A/XRF5-16	XRF15-9/50A/XRF5-16	XRF15-9/50A/XRF5-16	XRF20-8/50A/XRF5-16
	91	5.5/10/3.7	7.5/10/3.7	7.5/20/3.7	11/20/3.7	11/20/3.7	15/20/3.7
135	189		XRF10-10/40A/XRF5-16	XRF10-12/40A/XRF5-16	XRF15-8/50A/XRF5-16	XRF15-8/50A/XRF5-16	
	87.8		5.5/10/3.7	7.5/10/3.7	11/20/3.7	11/20/3.7	
130	182			XRF10-10/40A/XRF5-16			XRF20-7/50A/XRF5-16
	84.5			5.5/10/3.7			15/20/3.7
125	175	XRF10-9/40A/XRF5-16	XRF10-9/40A/XRF5-16				
	81.3	5.5/10/3.7	5.5/10/3.7				
120	168	XRF10-9/40A/XRF5-14	XRF10-9/40A/XRF5-14	XRF10-10/40A/XRF5-14	XRF15-8/50A/XRF5-14	XRF15-8/50A/XRF5-14	XRF20-7/50A/XRF5-14
	78	5.5/10/3.7	5.5/10/3.7	5.5/10/3.7	11/20/3.7	11/20/3.7	15/20/3.7
115	161	XRF10-8/40A/XRF5-14		XRF10-9/40A/XRF5-14	XRF15-7/50A/XRF5-14	XRF15-7/50A/XRF5-14	
	74.8	5.5/10/3.7		5.5/10/3.7	11/20/3.7	11/20/3.7	
110	154		XRF10-8/40A/XRF5-14				XRF20-6/50A/XRF5-14
	71.5		5.5/10/3.7				11/20/3.7
105	147			XRF10-8/40A/XRF5-14	XRF15-6/50A/XRF5-14		
	68.3			5.5/10/3.7	7.5/20/3.7		
100	140	XRF10-8/40A/XRF5-12	XRF10-8/40A/XRF5-12	XRF10-8/40A/XRF5-12	XRF15-6A/50A/XRF5-12	XRF15-6/50A/XRF5-12	XRF20-6/50A/XRF5-12
	65	5.5/10/3.7	5.5/10/3.7	5.5/10/3.7	7.5/20/3.7	7.5/20/3.7	11/20/3.7
95	133	XRF10-7/40A/XRF5-12			XRF15-6A/50A/XRF5-14	XRF15-6A/50A/XRF5-12	
	61.8	5.5/10/3.7			7.5/10/3.7	7.5/20/3.7	
90	126		XRF10-7/40A/XRF5-12		XRF15-5/50A/XRF5-12		XRF20-5/50A/XRF5-12
	58.5		5.5/10/3.7		7.5/10/3.7		11/20/3.7
85	119	XRF10-6/40A/XRF5-12		XRF10-7/40A/XRF5-12		XRF15-5/50A/XRF5-12	
	55.3	3.7/10/3.7		5.5/10/3.7		7.5/10/3.7	
80	112		XRF10-6/40A/XRF5-12				
	52		3.7/10/3.7				
75	105			XRF10-6/40A/XRF5-12			XRF20-4/50A/XRF5-12
	48.8			3.7/10/3.7			7.5/10/3.7
70	98	XRF10-5/40A/XRF5-9	XRF10-6/40A/XRF5-9	XRF10-6/40A/XRF5-9	XRF15-4/50A/XRF5-9	XRF20-4A/50A/XRF5-9	XRF20-4/50A/XRF5-9
	45.5	3.7/10/2.2	3.7/10/2.2	3.7/10/2.2	5.5/10/2.2	7.5/10/2.2	7.5/10/2.2
65	91		XRF10-5/40A/XRF5-9	XRF10-5/40A/XRF5-9		XRF15-4/50A/XRF5-9	XRF20-4A/50A/XRF5-9
	42.3		3.7/10/2.2	3.7/10/2.2		5.5/10/2.2	7.5/10/2.2
60	84				XRF15-4A/50A/XRF5-9	XRF15-4A/50A/XRF5-9	XRF20-4B/50A/XRF5-9
	39				5.5/10/2.2	5.5/10/2.2	7.5/10/2.2
55	77	XRF10-4/40A/XRF5-9					XRF20-3/50A/XRF5-9
	35.8	2.2/10/2.2					5.5/10/2.2
50	70	XRF10-4/40A/XRF5-7	XRF10-4/40A/XRF5-7	XRF10-4/40A/XRF5-7	XRF15-3/50A/XRF5-7	XRF15-3/50A/XRF5-7	XRF20-3A/50A/XRF5-7
	32.5	2.2/10/1.5	2.2/10/1.5	2.2/10/1.5	3.7/10/1.5	3.7/10/1.5	5.5/10/1.5
45	63						
	29.3						
40	56	XRF10-3/40A/XRF5-6	XRF10-3/40A/XRF5-6	XRF10-3/40A/XRF5-6	XRF15-3A/50A/XRF5-6	XRF15-3A/50A/XRF5-6	XRF32-2-2/65A/XRF5-6
	26	2.2/10/1.5	2.2/10/1.5	2.2/10/1.5	3.7/10/1.5	3.7/10/1.5	5.5/10/1.5
35	49	XRF10-3A/40A/XRF5-6	XRF10-3A/40A/XRF5-6		XRF15-2/50A/XRF5-6	XRF15-2/50A/XRF5-6	XRF20-2/50A/XRF5-6
	22.8	1.5/10/1.5	1.5/10/1.5		3.7/10/1.5	3.7/10/1.5	3.7/10/1.5
30	42	XRF10-3A/40A/XRF5-5	XRF10-3A/40A/XRF5-5	XRF10-3A/40A/XRF5-5	XRF15-2/50A/XRF5-5	XRF15-2/50A/XRF5-5	XRF32-2-2A/65A/XRF5-5
	19.5	1.5/10/1.5	1.5/10/1.5	1.5/10/1.5	3.7/10/1.5	3.7/10/1.5	3.7/10/1.5
Q (m³/min)	100%	0.13	0.15	0.17	0.26	0.3	0.35
	150%	0.195	0.225	0.255	0.39	0.45	0.525

※ 선정표 확인 방법

1) H는 양정(m)이며, Q는 유량(m³/min)입니다. 2) 양정의 상단은 정격양정의 140%, 하단은 65%입니다. 3) 표안의 내용 표기는

주펌프 모델/홀-토출 배관 규격/총압헤드 모델
주-에비펙트 동력(kW,PS)/총압헤드 동력(kW)

입니다.

소방 엔진 패키지 시스템 - 소방 선정표

FSTE SERIES



3FSTE-XRF20 (18~22.8m³/hr)	3FSTE-XRF32 (21~31.2m³/hr)					3FSTE-XRF45 (27~48m³/hr)	140%	H (m)
							65%	
XRF20-8/50A/XRF5-16 15/20/3.7	XRF32-6-2/65A/XRF5-16 15/27/3.7	XRF32-6-2/65A/XRF5-16 15/27/3.7	XRF32-6-1/65A/XRF5-16 15/27/3.7	XRF32-6/65A/XRF5-16 18.5/27/3.7	XRF45-5-3/80A/XRF5-16 30/35/3.7	196 91		140
			XRF32-6-2/65A/XRF5-16 15/27/3.7		XRF45-4/80A/XRF5-16 22/35/3.7	189 87.8		135
				XRF32-6-2/65A/XRF5-16 15/27/3.7		182 84.5		130
XRF20-7/50A/XRF5-16 15/20/3.7	XRF32-5/65A/XRF5-16 15/27/3.7	XRF32-5/65A/XRF5-16 15/27/3.7			XRF45-4-3/80A/XRF5-16 18.5/35/3.7	175 81.3		125
XRF20-7/50A/XRF5-14 15/20/3.7	XRF32-5/65A/XRF5-14 15/27/3.7	XRF32-5/65A/XRF5-14 15/27/3.7	XRF32-5/65A/XRF5-14 15/27/3.7	XRF32-5/65A/XRF5-14 15/27/3.7	XRF45-4-3/80A/XRF5-14 18.5/35/3.7	168 78		120
					XRF45-4-3/80A/XRF5-14 18.5/27/3.7	161 74.8		115
	XRF32-5-2/65A/XRF5-14 15/27/3.7	XRF32-5-2/65A/XRF5-14 15/27/3.7	XRF32-5-2/65A/XRF5-14 15/27/3.7			154 71.5		110
XRF20-6/50A/XRF5-14 11/20/3.7				XRF32-5-2/65A/XRF5-14 15/27/3.7		147 68.3		105
XRF20-6/50A/XRF5-12 11/20/3.7	XRF32-4/65A/XRF5-12 11/20/3.7	XRF32-4/65A/XRF5-12 11/20/3.7	XRF32-4/65A/XRF5-12 11/20/3.7	XRF32-5-2/65A/XRF5-12 15/27/3.7	XRF45-3/80A/XRF5-12 18.5/27/3.7	140 65		100
				XRF32-4/65A/XRF5-12 11/27/3.7	XRF45-3-1/80A/XRF5-12 15/27/3.7	133 61.8		95
XRF20-5/50A/XRF5-12 11/20/3.7	XRF32-4-2/65A/XRF5-12 11/20/3.7	XRF32-4-2/65A/XRF5-12 11/20/3.7			XRF45-3-2/80A/XRF5-12 15/27/3.7	126 58.5		90
			XRF32-4-2/65A/XRF5-12 11/20/3.7	XRF32-4-1/65A/XRF5-12 11/20/3.7		119 55.3		85
				XRF32-4-2/65A/XRF5-12 11/20/3.7	XRF45-3-3A/80A/XRF5-12 15/27/3.7	112 52		80
XRF20-4/50A/XRF5-12 7.5/10/3.7	XRF32-3-1/65A/XRF5-12 7.5/20/3.7	XRF32-3/65A/XRF5-12 11/20/3.7				105 48.8		75
XRF20-4/50A/XRF5-9 7.5/10/2.2	XRF32-3-1/65A/XRF5-9 7.5/20/2.2	XRF32-3-1/65A/XRF5-9 7.5/20/2.2	XRF32-3/65A/XRF5-9 11/20/2.2	XRF32-3/65A/XRF5-9 11/20/2.2	XRF45-3-3A/80A/XRF5-9 15/27/2.2	98 45.5		70
XRF20-4A/50A/XRF5-9 7.5/10/2.2	XRF32-3-2/65A/XRF5-9 7.5/10/2.2	XRF32-3-2/65A/XRF5-9 7.5/10/2.2	XRF32-3-2/65A/XRF5-9 7.5/20/2.2		XRF45-2/80A/XRF5-9 11/20/2.2	91 42.3		65
XRF20-4B/50A/XRF5-9 7.5/10/2.2	XRF32-3-3/65A/XRF5-9 7.5/10/2.2	XRF32-3-3/65A/XRF5-9 7.5/10/2.2	XRF32-3-3/65A/XRF5-9 7.5/10/2.2	XRF32-3-2/65A/XRF5-9 7.5/20/2.2		84 39		60
XRF20-3/50A/XRF5-9 5.5/10/2.2				XRF32-3-3/65A/XRF5-9 7.5/20/2.2	XRF45-2-2/80A/XRF5-9 11/20/2.2	77 35.8		55
XRF20-3/50A/XRF5-7 5.5/10/1.5	XRF32-2/65A/XRF5-7 5.5/10/1.5	XRF32-2/65A/XRF5-7 5.5/10/1.5	XRF45-2-2A/80A/XRF5-7 7.5/10/1.5	XRF45-2-2A/80A/XRF5-7 7.5/20/1.5	XRF45-2-2A/80A/XRF5-7 7.5/20/1.5	70 32.5		50
XRF20-3A/50A/XRF5-7 5.5/10/1.5			XRF32-2/65A/XRF5-7 5.5/10/1.5	XRF45-2-2C/80A/XRF5-7 7.5/10/1.5	XRF45-2-2C/80A/XRF5-7 7.5/10/1.5	63 29.3		45
XRF32-2-1/65A/XRF5-6 5.5/10/1.5	XRF32-2-1/65A/XRF5-6 5.5/10/1.5	XRF32-2-1/65A/XRF5-6 5.5/10/1.5	XRF32-2-1/65A/XRF5-6 5.5/10/1.5	XRF32-2-1/65A/XRF5-6 5.5/10/1.5	XRF45-2-2C/80A/XRF5-6 7.5/10/1.5	56 26		40
XRF32-2-2A/65A/XRF5-6 3.7/10/1.5	XRF32-2-2/65A/XRF5-6 5.5/10/1.5	XRF32-2-2/65A/XRF5-6 5.5/10/1.5	XRF45-1/80A/XRF5-6 5.5/10/1.5	XRF45-1/80A/XRF5-6 5.5/10/1.5	XRF64-1/100A/XRF5-6 7.5/10/1.5	49 22.8		35
XRF32-2-2A/65A/XRF5-5 3.7/10/1.5	XRF32-2-2A/65A/XRF5-5 3.7/10/1.5	XRF32-2-2A/65A/XRF5-5 3.7/10/1.5	XRF45-1/80A/XRF5-5 5.5/10/1.5	XRF45-1/80A/XRF5-5 5.5/10/1.5	XRF45-1/80A/XRF5-5 5.5/10/1.5	42 19.5		30
0.38	0.39	0.4	0.45	0.52	0.6	100%	Q (m³/min)	
0.57	0.585	0.6	0.675	0.78	0.9	150%		

소방 엔진 패키지 시스템 - 소방 선정표

FSTE SERIES

H (m)	140%	3FSTE-XRF45 (27~48m ³ /hr)			3FSTE-XRF64 (36~63.6m ³ /hr)		
	65%				3FSTE-XRF95 (57.6~96m ³ /hr)		
140	196	XRF45-5-3/80A/XRF5-16	XRF45-5-3/80A/XRF5-16	XRF45-5-2/80A/XRF5-16	XRF64-4/100A/XRF5-16	XRF64-4/100A/XRF5-16	XRF64-4/100A/XRF5-16
	91	30/35/3.7	30/35/3.7	30/46/3.7	37/46/3.7	37/46/3.7	37/60/3.7
135	189				XRF64-4-1/100A/XRF5-16		
	87.8				30/46/3.7		
130	182	XRF45-4/80A/XRF5-16	XRF45-5-3/80A/XRF5-16	XRF45-5-3/80A/XRF5-16	XRF64-4-1A/100A/XRF5-16	XRF64-4-1/100A/XRF5-16	XRF64-4-1/100A/XRF5-16
	84.5	22/35/3.7	30/35/3.7	30/46/3.7	30/46/3.7	30/46/3.7	30/46/3.7
125	175		XRF45-4/80A/XRF5-16	XRF64-4-2/100A/XRF5-16		XRF64-4-1A/100A/XRF5-16	XRF64-4-1A/100A/XRF5-16
	81.3		22/35/3.7	30/46/3.7		30/46/3.7	30/46/3.7
120	168	XRF45-4-3/80A/XRF5-14	XRF45-4/80A/XRF5-14	XRF45-4/80A/XRF5-14	XRF64-4-2/100A/XRF5-14	XRF64-4-2/100A/XRF5-14	XRF64-4-2/100A/XRF5-14
	78	18.5/35/3.7	22/35/3.7	22/35/3.7	30/46/3.7	30/46/3.7	30/46/3.7
115	161		XRF45-4-3/80A/XRF5-14				
	74.8		18.5/35/3.7				
110	154			XRF45-4-2/80A/XRF5-14			
	71.5			22/35/3.7			
105	147	XRF45-4-3/80A/XRF5-14			XRF64-3/100A/XRF5-14	XRF64-3/100A/XRF5-14	
	68.3	18.5/27/3.7			30/35/3.7	30/46/3.7	
100	140	XRF45-4-4A/80A/XRF5-12	XRF45-4-4A/80A/XRF5-12	XRF64-3-1/100A/XRF5-12	XRF64-3/100A/XRF5-12	XRF64-3/100A/XRF5-12	XRF64-3/100A/XRF5-12
	65	18.5/27/3.7	18.5/27/3.7	22/35/3.7	30/35/3.7	30/35/3.7	30/46/3.7
95	133	XRF45-3/80A/XRF5-12	XRF45-3/80A/XRF5-12		XRF64-3-1/100A/XRF5-12	XRF64-3-1/100A/XRF5-12	XRF64-3-1/100A/XRF5-12
	61.8	18.5/27/3.7	18.5/27/3.7		22/35/3.7	22/35/3.7	22/35/3.7
90	126	XRF45-3-1/80A/XRF5-12		XRF45-3/80A/XRF5-12	XRF64-3-2/100A/XRF5-12		
	58.5	15/27/3.7		18.5/27/3.7	22/35/3.7		
85	119	XRF45-3-2/80A/XRF5-12	XRF45-3-1/80A/XRF5-12		XRF64-3-3/100A/XRF5-12	XRF64-3-2/100A/XRF5-12	XRF64-3-2/100A/XRF5-12
	55.3	15/27/3.7	15/27/3.7		18.5/27/3.7	22/35/3.7	22/35/3.7
80	112	XRF45-3-3A/80A/XRF5-12	XRF45-3-2/80A/XRF5-12	XRF45-3-2/80A/XRF5-12		XRF64-3-3/100A/XRF5-12	XRF64-3-3/100A/XRF5-12
	52	15/27/3.7	15/27/3.7	15/27/3.7		18.5/27/3.7	18.5/27/3.7
75	105		XRF45-3-3A/80A/XRF5-12	XRF45-3-3/80A/XRF5-12			
	48.8		15/27/3.7	15/27/3.7			
70	98	XRF45-3-3A/80A/XRF5-9	XRF45-3-3A/80A/XRF5-9	XRF45-3-3A/80A/XRF5-9	XRF64-3-3/100A/XRF5-9	XRF64-3-3/100A/XRF5-9	XRF64-3-3/100A/XRF5-9
	45.5	15/27/2.2	15/27/2.2	15/27/2.2	18.5/27/2.2	18.5/27/2.2	18.5/27/2.2
65	91	XRF64-2-1/100A/XRF5-9	XRF64-2-1/100A/XRF5-9	XRF64-2-1/100A/XRF5-9	XRF64-2/100A/XRF5-9	XRF64-2/100A/XRF5-9	XRF64-2/100A/XRF5-9
	42.3	15/27/2.2	15/27/2.2	15/27/2.2	18.5/27/2.2	18.5/27/2.2	18.5/27/2.2
60	84	XRF45-2/80A/XRF5-9	XRF45-2/80A/XRF5-9		XRF64-2-1/100A/XRF5-9	XRF64-2-1/100A/XRF5-9	XRF64-2-1/100A/XRF5-9
	39	11/20/2.2	11/20/2.2		15/27/2.2	15/27/2.2	15/27/2.2
55	77	XRF45-2-2/80A/XRF5-9		XRF45-2/80A/XRF5-9	XRF64-2-1/100A/XRF5-9		
	35.8	11/20/2.2		11/20/2.2	15/20/2.2		
50	70	XRF45-2-2/80A/XRF5-7	XRF45-2-2/80A/XRF5-7	XRF45-2-2/80A/XRF5-7	XRF64-2-2A/100A/XRF5-7	XRF64-2-2/100A/XRF5-7	XRF64-2-2/100A/XRF5-7
	32.5	11/20/1.5	11/20/1.5	11/20/1.5	11/20/1.5	15/20/1.5	15/27/1.5
45	63	XRF45-2-2A/80A/XRF5-7	XRF64-2-2B/100A/XRF5-7	XRF64-2-2B/100A/XRF5-7	XRF64-2-2B/100A/XRF5-7	XRF64-2-2A/100A/XRF5-7	XRF64-2-2/100A/XRF5-7
	29.3	7.5/20/1.5	11/20/1.5	11/20/1.5	11/20/1.5	11/20/1.5	15/20/1.5
40	56	XRF45-2-2B/80A/XRF5-6	XRF64-2-2B/100A/XRF5-6	XRF64-2-2B/100A/XRF5-6	XRF64-2-2B/100A/XRF5-6	XRF64-2-2B/100A/XRF5-6	XRF95-1/100A/XRF5-6
	26	7.5/10/1.5	11/20/1.5	11/20/1.5	11/20/1.5	11/20/1.5	15/20/1.5
35	49	XRF64-1/100A/XRF5-6	XRF64-1/100A/XRF5-6	XRF64-1/100A/XRF5-6	XRF64-1/100A/XRF5-6	XRF95-1A/100A/XRF5-6	XRF95-1A/100A/XRF5-6
	22.8	7.5/20/1.5	7.5/20/1.5	7.5/20/1.5	11/20/1.5	11/20/1.5	11/20/1.5
30	42	XRF45-1/80A/XRF5-5	XRF45-1/80A/XRF5-5	XRF45-1/80A/XRF5-5	XRF64-1A/100A/XRF5-5	XRF64-1A/100A/XRF5-5	XRF64-1A/100A/XRF5-5
	19.5	5.5/10/1.5	5.5/10/1.5	5.5/10/1.5	7.5/10/1.5	7.5/10/1.5	7.5/10/1.5
Q (m ³ /min)	100%	0.7	0.75	0.8	0.9	0.96	1
	150%	1.05	1.125	1.2	1.35	1.44	1.5

※ 선정표 확인 방법

1) H는 양정(m)이며, Q는 유량(m³/min)입니다. 2) 양정의 상단은 정격양정의 140%, 하단은 65%입니다. 3) 표안의 내용 표기는

주펌프 모델/홀트출 배관 규격/총압펌프 모델
주-에비펌프 동력(kW,PS)/총압펌프 동력(kW)

소방 엔진 패키지 시스템 - 소방 선정표

FSTE SERIES



	3FSTE-XRF95 (57.6~96m³/hr)						140%	H (m)
	3FSTE-XRF125(72~120m³/hr)						65%	
XRF64-5-2/100A/XRF5-16 37/60/3.7	XRF95-4-2/100A/XRF5-16 45/60/3.7	XRF95-4-2/100A/XRF5-16 45/60/3.7	XRF95-4-1/100A/XRF5-16 55/60/3.7	XRF95-4-1/100A/XRF5-16 55/84/3.7	XRF95-4-1/100A/XRF5-16 55/84/3.7	XRF95-4-1/100A/XRF5-16 55/84/3.7	196 91	140
XRF64-4/100A/XRF5-16 37/60/3.7			XRF95-4-2/100A/XRF5-16 45/60/3.7	XRF95-4-2/100A/XRF5-16 45/60/3.7			189 87.8	135
							182 84.5	130
XRF64-4-1A/100A/XRF5-16 30/46/3.7	XRF95-3/100A/XRF5-16 37/60/3.7				XRF95-4-2/100A/XRF5-16 45/60/3.7		175 81.3	125
XRF64-4-1A/100A/XRF5-14 30/46/3.7	XRF95-3/100A/XRF5-14 37/60/3.7	XRF95-3/100A/XRF5-14 37/60/3.7	XRF95-3/100A/XRF5-14 37/60/3.7	XRF95-3/100A/XRF5-14 37/60/3.7	XRF95-4-2/100A/XRF5-14 45/60/3.7		168 78	120
XRF64-4-2/100A/XRF5-14 30/46/3.7	XRF95-3-1/100A/XRF5-14 37/60/3.7	XRF95-3A/100A/XRF5-14 37/60/3.7	XRF95-3A/100A/XRF5-14 37/60/3.7		XRF95-3/100A/XRF5-14 37/60/3.7		161 74.8	115
	XRF95-3-1/100A/XRF5-14 37/46/3.7	XRF95-3-1/100A/XRF5-14 37/60/3.7	XRF95-3-1/100A/XRF5-14 37/60/3.7	XRF95-3-1/100A/XRF5-14 37/60/3.7			154 71.5	110
	XRF95-3-2/100A/XRF5-14 30/46/3.7				XRF95-3-1/100A/XRF5-14 37/60/3.7		147 68.3	105
XRF64-3/100A/XRF5-12 30/46/3.7	XRF95-3-2/100A/XRF5-12 30/46/3.7	XRF95-3-2/100A/XRF5-12 30/46/3.7	XRF95-3-2/100A/XRF5-12 30/46/3.7	XRF95-3-1/100A/XRF5-12 37/60/3.7	XRF95-3-1/100A/XRF5-12 37/60/3.7		140 65	100
XRF64-3-1/100A/XRF5-12 22/35/3.7				XRF95-3-2/100A/XRF5-12 30/46/3.7			133 61.8	95
					XRF95-3-1A/100A/XRF5-12 37/60/3.7		126 58.5	90
XRF64-3-2/100A/XRF5-12 22/35/3.7					XRF125-2/150A/XRF5-12 37/60/3.7		119 55.3	85
	XRF95-2/100A/XRF5-12 30/46/3.7	XRF95-2/100A/XRF5-12 30/46/3.7	XRF95-2/100A/XRF5-12 30/46/3.7	XRF125-2-1/150A/XRF5-12 30/46/3.7			112 52	80
XRF64-3-3/100A/XRF5-12 18.5/35/3.7	XRF95-2-1/100A/XRF5-12 22/35/3.7			XRF95-2/100A/XRF5-12 30/46/3.7	XRF95-2/100A/XRF5-12 30/46/3.7		105 48.8	75
XRF64-3-3/100A/XRF5-9 18.5/27/2.2	XRF95-2-1/100A/XRF5-9 22/35/2.2	XRF95-2-1/100A/XRF5-9 22/35/2.2	XRF95-2/100A/XRF5-9 30/46/2.2	XRF95-2/100A/XRF5-9 30/46/2.2	XRF95-2/100A/XRF5-9 30/46/2.2		98 45.5	70
XRF64-2/100A/XRF5-9 18.5/27/2.2			XRF95-2-1/100A/XRF5-9 22/35/2.2	XRF95-2-1/100A/XRF5-9 22/35/2.2	XRF125-2-1A/150A/XRF5-9 30/35/2.2		91 42.3	65
XRF64-2-1/100A/XRF5-9 15/27/2.2	XRF95-2-2/100A/XRF5-9 18.5/27/2.2	XRF95-2-2/100A/XRF5-9 18.5/27/2.2			XRF125-2-2A/150A/XRF5-9 22/35/2.2		84 39	60
	XRF95-2-2A/100A/XRF5-9 18.5/27/2.2		XRF95-2-1A/100A/XRF5-9 22/27/2.2	XRF95-2-1A/100A/XRF5-9 22/27/2.2			77 35.8	55
XRF64-2-2/100A/XRF5-7 15/27/1.5	XRF95-2-2B/100A/XRF5-7 15/27/1.5	XRF95-2-2A/100A/XRF5-7 18.5/27/1.5	XRF125-2-2B/150A/XRF5-7 22/27/1.5	XRF125-2-2B/150A/XRF5-7 22/27/1.5	XRF125-2-2B/150A/XRF5-7 22/27/1.5		70 32.5	50
	XRF125-1/150A/XRF5-7 18.5/27/1.5	XRF125-1/150A/XRF5-7 18.5/27/1.5	XRF125-1/150A/XRF5-7 18.5/27/1.5	XRF125-1/150A/XRF5-7 18.5/27/1.5	XRF125-1/150A/XRF5-7 18.5/27/1.5		63 29.3	45
XRF95-1/100A/XRF5-6 15/20/1.5	XRF95-1/100A/XRF5-6 15/20/1.5	XRF125-1A/150A/XRF5-6 15/27/1.5	XRF125-1A/150A/XRF5-6 15/27/1.5	XRF125-1A/150A/XRF5-6 15/27/1.5	XRF125-1A/150A/XRF5-6 15/27/1.5		56 26	40
XRF95-1A/100A/XRF5-6 11/20/1.5	XRF95-1A/100A/XRF5-6 11/20/1.5	XRF95-1A/100A/XRF5-6 11/20/1.5	XRF95-1A/100A/XRF5-6 11/20/1.5	XRF95-1/100A/XRF5-6 15/20/1.5	XRF95-1/100A/XRF5-6 15/20/1.5		49 22.8	35
XRF95-1A/100A/XRF5-5 11/20/1.5	XRF95-1A/100A/XRF5-5 11/20/1.5	XRF95-1A/100A/XRF5-5 11/20/1.5	XRF95-1A/100A/XRF5-5 11/20/1.5	XRF95-1A/100A/XRF5-5 11/20/1.5	XRF125-1-1A/150A/XRF5-5 11/20/1.5		42 19.5	30
1.06	1.2	1.4	1.45	1.5	1.6		100%	Q (m³/min)
1.59	1.8	2.1	2.175	2.25	2.4		150%	

소방 엔진 패키지 시스템 - 소방 선정표

FSTE SERIES

H (m)	140%	3FSTE-XRF125(72~120m³/hr)					
	65%	3FSTE-XRF155(103.8~144m³/hr)				3FSTE-XRF215 (135~216m³/hr)	
140	196	XRF125-4-3/150A/XRF5-16	XRF125-4-3/150A/XRF5-16	XRF125-4-3/150A/XRF5-16	XRF125-4/150A/XRF5-16	XRF155-3/150A/XRF5-16	XRF155-3/150A/XRF5-16
	91	55/84/3.7	55/84/3.7	55/84/3.7	75/84/3.7	75/122/3.7	75/122/3.7
135	189	XRF125-3/150A/XRF5-16	XRF125-3/150A/XRF5-16	XRF125-3/150A/XRF5-16	XRF125-4-3/150A/XRF5-16		
	87.8	55/84/3.7	55/84/3.7	55/84/3.7	55/84/3.7		
130	182				XRF125-3/150A/XRF5-16		
	84.5				55/84/3.7		
125	175						
	81.3						
120	168	XRF125-3/150A/XRF5-14	XRF125-3/150A/XRF5-14	XRF125-3/150A/XRF5-14	XRF125-3/150A/XRF5-14	XRF155-3/150A/XRF5-14	XRF155-3/150A/XRF5-14
	78	55/84/3.7	55/84/3.7	55/84/3.7	55/84/3.7	75/122/3.7	75/122/3.7
115	161	XRF125-3-1/150A/XRF5-14	XRF125-3-1/150A/XRF5-14	XRF125-3-1/150A/XRF5-14		XRF155-3-1/150A/XRF5-14	XRF155-3-1/150A/XRF5-14
	74.8	45/60/3.7	45/60/3.7	45/60/3.7		75/84/3.7	75/84/3.7
110	154	XRF125-3-2/150A/XRF5-14	XRF125-3-2/150A/XRF5-14	XRF125-3-2/150A/XRF5-14		XRF155-3-3/150A/XRF5-14	
	71.5	45/60/3.7	45/60/3.7	45/60/3.7		55/84/3.7	
105	147						XRF155-3-2/150A/XRF5-14
	68.3						75/84/3.7
100	140	XRF125-3-3/150A/XRF5-12	XRF125-3-2/150A/XRF5-12	XRF125-3-2/150A/XRF5-12	XRF125-3-2/150A/XRF5-12	XRF155-3-3/150A/XRF5-12	XRF155-3-3/150A/XRF5-12
	65	37/60/3.7	45/60/3.7	45/60/3.7	45/60/3.7	55/84/3.7	55/84/3.7
95	133		XRF125-3-3/150A/XRF5-12	XRF125-3-3/150A/XRF5-12		XRF155-2/150A/XRF5-12	XRF155-2/150A/XRF5-12
	61.8		37/60/3.7	37/60/3.7		55/84/3.7	55/84/3.7
90	126					XRF155-2A/150A/XRF5-12	XRF155-2A/150A/XRF5-12
	58.5					45/60/3.7	45/84/3.7
85	119	XRF125-2/150A/XRF5-12	XRF125-2/150A/XRF5-12	XRF125-2/150A/XRF5-12	XRF125-2/150A/XRF5-12	XRF155-2-1/150A/XRF5-12	
	55.3	37/60/3.7	37/60/3.7	37/60/3.7	37/60/3.7	45/60/3.7	
80	112		XRF125-2/150A/XRF5-12				XRF155-2-1/150A/XRF5-12
	52		37/60/3.7				45/60/3.7
75	105	XRF125-2-1/150A/XRF5-12	XRF125-2-1/150A/XRF5-12	XRF125-2-1/150A/XRF5-12		XRF155-2-2/150A/XRF5-12	
	48.8	30/46/3.7	30/46/3.7	30/46/3.7		37/60/3.7	
70	98	XRF125-2-1/150A/XRF5-9	XRF125-2-1/150A/XRF5-9	XRF125-2-1/150A/XRF5-9	XRF155-2-2/150A/XRF5-9	XRF155-2-2/150A/XRF5-9	XRF155-2-1A/150A/XRF5-9
	45.5	30/46/2.2	30/46/2.2	30/46/2.2	37/60/2.2	37/60/3.7	45/60/2.2
65	91					XRF155-2-2/150A/XRF5-9	XRF155-2-2/150A/XRF5-9
	42.3					37/60/2.2	37/60/2.2
60	84	XRF125-2-1A/150A/XRF5-9	XRF125-2-1A/150A/XRF5-9	XRF125-2-1A/150A/XRF5-9	XRF155-2-2B/150A/XRF5-9	XRF155-2-2A/150A/XRF5-9	XRF185-1/200A/XRF5-9
	39	30/35/2.2	30/35/2.2	30/35/2.2	30/46/2.2	37/46/2.2	37/60/2.2
55	77					XRF185-1/200A/XRF5-9	
	35.8					37/46/2.2	
50	70	XRF125-2-2B/150A/XRF5-7	XRF155-1/150A/XRF5-7	XRF155-1/150A/XRF5-7	XRF155-1/150A/XRF5-7	XRF185-1-1/200A/XRF5-7	XRF185-1-1/200A/XRF5-7
	32.5	22/27/1.5	30/35/1.5	30/35/1.5	30/46/1.5	30/46/1.5	30/46/1.5
45	63	XRF155-1A/150A/XRF5-7	XRF155-1A/150A/XRF5-7	XRF155-1A/150A/XRF5-7	XRF155-1A/150A/XRF5-7	XRF155-1A/150A/XRF5-7	XRF155-1/150A/XRF5-7
	29.3	22/35/1.5	22/35/1.5	22/35/1.5	22/35/1.5	22/35/1.5	30/46/1.5
40	56	XRF125-1/150A/XRF5-6	XRF125-1/150A/XRF5-6	XRF125-1/150A/XRF5-6	XRF155-1-1/150A/XRF5-6	XRF155-1A/150A/XRF5-6	XRF155-1A/150A/XRF5-6
	26	18.5/27/1.5	18.5/27/1.5	18.5/27/1.5	18.5/27/1.5	22/35/1.5	22/35/1.5
35	49	XRF125-1A/150A/XRF5-6	XRF125-1A/150A/XRF5-6	XRF125-1A/150A/XRF5-6		XRF155-1-1/150A/XRF5-6	XRF185-1-1B/200A/XRF5-6
	22.8	15/27/1.5	15/27/1.5	15/27/1.5		18.5/27/1.5	22/35/1.5
30	42	XRF155-1-1A/150A/XRF5-5	XRF155-1-1A/150A/XRF5-5	XRF155-1-1A/150A/XRF5-5	XRF185-1-1C/200A/XRF5-5	XRF215-1-1C/200A/XRF5-5	XRF215-1-1C/200A/XRF5-5
	19.5	15/27/1.5	15/27/1.5	15/27/1.5	18.5/27/1.5	22/35/1.5	22/35/1.5
Q (m³/min)	100%	1.73	1.8	1.86	2	2.25	2.4
	150%	2.595	2.7	2.79	3	3.375	3.6

※ 선정표 확인 방법

1) H는 양정(m)이며, Q는 유량(m³/min)입니다. 2) 양정의 상단은 정격양정의 140%, 하단은 65%입니다. 3) 표안의 내용 표기는 주펌프 모델/홀트출 배관 규격/총압펌프 모델 양압펌프 동력(kW,PS)/총압펌프 동력(kW)입니다.

소방 엔진 패키지 시스템 - 소방 선정표

FSTE SERIES



3FSTE-XRF185 (120~192m ³ /hr)						140%	H (m)
3FSTE-XRF215 (135~216m ³ /hr)						65%	
XRF185-3-3/200A/XRF5-16 90/122/3.7	XRF185-3-3/200A/XRF5-16 90/122/3.7	XRF185-3-3/200A/XRF5-16 90/122/3.7	XRF185-3-3/200A/XRF5-16 90/122/3.7	XRF185-3-3/200A/XRF5-16 90/122/3.7	XRF215-2/200A/XRF5-16 110/170/3.7	196 91	140
XRF185-3-3A/200A/XRF5-16 75/122/3.7	XRF185-3-3A/200A/XRF5-16 75/122/3.7	XRF185-3-3A/200A/XRF5-16 75/122/3.7				189 87.8	135
			XRF185-3-3A/200A/XRF5-16 75/122/3.7		XRF185-3-3/200A/XRF5-16 90/122/3.7	182 84.5	130
						175 81.3	125
XRF185-2/200A/XRF5-14 75/122/3.7	XRF185-2/200A/XRF5-14 75/122/3.7	XRF185-2/200A/XRF5-14 75/122/3.7	XRF185-3-3A/200A/XRF5-14 75/122/3.7	XRF215-2-1/200A/XRF5-14 90/122/3.7	XRF215-2-1/200A/XRF5-14 90/122/3.7	168 78	120
			XRF185-2/200A/XRF5-14 75/122/3.7	XRF185-2/200A/XRF5-14 75/122/3.7		161 74.8	115
XRF185-2-1/200A/XRF5-14 75/122/3.7	XRF185-2-1/200A/XRF5-14 75/122/3.7	XRF185-2-1/200A/XRF5-14 75/122/3.7			XRF185-2/200A/XRF5-14 75/122/3.7	154 71.5	110
			XRF185-2-1/200A/XRF5-14 75/122/3.7			147 68.3	105
XRF185-2-2/200A/XRF5-12 55/84/3.7	XRF185-2-2/200A/XRF5-12 55/84/3.7	XRF185-2-2/200A/XRF5-12 55/84/3.7	XRF185-2-1/200A/XRF5-12 75/122/3.7	XRF185-2-1/200A/XRF5-12 75/122/3.7	XRF185-2/200A/XRF5-12 75/122/3.7	140 65	100
			XRF185-2-2/200A/XRF5-12 55/84/3.7	XRF185-2-1/200A/XRF5-12 75/84/3.7	XRF185-2-1/200A/XRF5-12 75/84/3.7	133 61.8	95
				XRF215-2-2/200A/XRF5-12 75/84/3.7	XRF215-2-2/200A/XRF5-12 75/84/3.7	126 58.5	90
XRF185-2-2A/200A/XRF5-12 55/84/3.7	XRF185-2-2A/200A/XRF5-12 55/84/3.7	XRF185-2-2A/200A/XRF5-12 55/84/3.7		XRF255-2-2B/200A/XRF5-12 75/84/3.7	XRF255-2-2B/200A/XRF5-12 75/84/3.7	119 55.3	85
XRF185-2-2C/200A/XRF5-12 45/60/3.7	XRF185-2-2B/200A/XRF5-12 55/60/3.7	XRF185-2-2B/200A/XRF5-12 55/60/3.7	XRF185-2-2A/200A/XRF5-12 55/84/3.7	XRF185-2-2A/200A/XRF5-12 55/84/3.7	XRF255-2-2C/200A/XRF5-12 75/84/3.7	112 52	80
XRF185-2-2D/200A/XRF5-12 45/60/3.7	XRF185-2-2C/200A/XRF5-12 45/60/3.7	XRF185-2-2C/200A/XRF5-12 45/60/3.7	XRF185-2-2C/200A/XRF5-12 45/48/3.7	XRF255-2-2D/200A/XRF5-12 55/84/3.7		105 48.8	75
XRF185-2-2D/200A/XRF5-9 45/60/2.2	XRF185-2-2D/200A/XRF5-9 45/60/2.2	XRF185-2-2D/200A/XRF5-9 45/60/2.2	XRF215-1/200A/XRF5-9 55/84/2.2	XRF215-1/200A/XRF5-9 55/84/2.2	XRF215-1/200A/XRF5-9 55/84/2.2	98 45.5	70
XRF215-1/200A/XRF5-9 55/60/2.2	XRF215-1/200A/XRF5-9 55/60/2.2	XRF215-1/200A/XRF5-9 55/60/2.2	XRF215-1/200A/XRF5-9 55/60/2.2			91 42.3	65
XRF185-1/200A/XRF5-9 37/60/2.2	XRF185-1/200A/XRF5-9 37/60/2.2	XRF185-1/200A/XRF5-9 37/60/2.2	XRF185-1/200A/XRF5-9 37/60/2.2			84 39	60
				XRF185-1/200A/XRF5-9 37/60/2.2	XRF215-1A/200A/XRF5-9 45/60/2.2	77 35.8	55
XRF185-1-1/200A/XRF5-7 30/46/1.5	XRF185-1-1/200A/XRF5-7 30/46/1.5	XRF185-1-1/200A/XRF5-7 30/46/1.5	XRF185-1-1/200A/XRF5-7 30/60/1.5		XRF215-1B/200A/XRF5-7 45/60/1.5	70 32.5	50
				XRF185-1-1/200A/XRF5-7 30/60/1.5	XRF215-1-1/200A/XRF5-7 37/60/1.5	63 29.3	45
XRF215-1-1B/200A/XRF5-6 30/46/1.5	XRF215-1-1B/200A/XRF5-6 30/35/1.5	XRF215-1-1B/200A/XRF5-6 30/35/1.5	XRF215-1-1A/200A/XRF5-6 30/46/1.5	XRF215-1-1A/200A/XRF5-6 30/46/1.5	XRF255-1-1A/200A/XRF5-6 37/60/1.5	56 26	40
			XRF215-1-1B/200A/XRF5-6 30/35/1.5	XRF215-1-1B/200A/XRF5-6 30/35/1.5		49 22.8	35
XRF215-1-1C/200A/XRF5-5 22/35/1.5	XRF215-1-1C/200A/XRF5-5 22/35/1.5	XRF215-1-1C/200A/XRF5-5 22/35/1.5				42 19.5	30
2.6	2.66	2.7	2.8	3.0	3.2	100%	Q (m ³ /min)
3.9	3.99	4.05	4.2	4.5	4.8	150%	

소방 엔진 패키지 시스템 - 소방 선정표

FSTE SERIES

H (m)	140%	3FSTE-XRF215 (135~216m³/hr)		3FSTE-XRF255 (180~264m³/hr)			
	65%						
140	196	XRF215-2/200A/XRF5-16 110/170/3.7	XRF215-3-2A/200A/XRF5-16 110/170/3.7	XRF255-3-3/200A/XRF5-16 132/183/3.7	XRF255-3-3/200A/XRF5-16 132/183/3.7	XRF255-3-2/200A/XRF5-16 160/204/3.7	XRF255-3-2/200A/XRF5-16 160/204/3.7
	91						
135	189		XRF215-2/200A/XRF5-16 110/170/3.7	XRF255-2/200A/XRF5-16 132/170/3.7	XRF255-2/200A/XRF5-16 132/183/3.7	XRF255-2/200A/XRF5-16 132/183/3.7	XRF255-2/200A/XRF5-16 132/183/3.7
	87.8						
130	182			XRF255-2A/200A/XRF5-16 110/170/3.7	XRF255-2A/200A/XRF5-16 110/170/3.7		
	84.5						
125	175					XRF255-2A/200A/XRF5-16 110/170/3.7	
	81.3						
120	168	XRF215-2/200A/XRF5-14 110/170/3.7	XRF215-2/200A/XRF5-14 110/170/3.7	XRF255-2-1/200A/XRF5-14 110/170/3.7	XRF255-2-1/200A/XRF5-14 110/170/3.7	XRF255-2A/200A/XRF5-14 110/170/3.7	XRF255-2/200A/XRF5-14 132/170/3.7
	78						
115	161	XRF215-2-1/200A/XRF5-14 90/122/3.7	XRF215-2-1/200A/XRF5-14 90/122/3.7			XRF255-2-1/200A/XRF5-14 110/170/3.7	XRF255-2-1/200A/XRF5-14 110/170/3.7
	74.8						
110	154						
	71.5						
105	147			XRF255-2-2/200A/XRF5-14 90/122/3.7			
	68.3						
100	140	XRF215-2-1A/200A/XRF5-12 75/122/3.7	XRF255-2-2/200A/XRF5-12 90/122/3.7	XRF255-2-2/200A/XRF5-12 90/122/3.7	XRF255-2-2/200A/XRF5-12 90/122/3.7	XRF255-2-1/200A/XRF5-12 110/170/3.7	XRF255-2-1/200A/XRF5-12 110/170/3.7
	65						
95	133						
	61.8						
90	126	XRF255-2-2A/200A/XRF5-12 75/122/3.7	XRF255-2-2A/200A/XRF5-12 75/122/3.7			XRF255-2-2/200A/XRF5-12 90/122/3.7	
	58.5						
85	119						
	55.3						
80	112	XRF255-2-2B/200A/XRF5-12 75/122/3.7					
	52						
75	105	XRF255-2-2C/200A/XRF5-12 75/84/3.7					
	48.8						
70	98	XRF215-1/200A/XRF5-9 55/84/2.2	XRF255-1/200A/XRF5-9 75/84/2.2				
	45.5						
65	91		XRF215-1/200A/XRF5-9 55/84/2.2	XRF255-1/200A/XRF5-9 75/84/2.2	XRF255-1/200A/XRF5-9 75/84/2.2	XRF255-1/200A/XRF5-9 75/122/2.2	XRF255-1/200A/XRF5-9 75/122/2.2
	42.3						
60	84			XRF255-1A/200A/XRF5-9 55/84/2.2			
	39						
55	77	XRF215-1A/200A/XRF5-9 45/60/2.2	XRF255-1-1/200A/XRF5-9 45/60/2.2		XRF255-1A/200A/XRF5-9 55/84/2.2	XRF255-1A/200A/XRF5-9 55/84/2.2	
	35.8						
50	70	XRF215-1B/200A/XRF5-7 45/60/1.5	XRF255-1-1/200A/XRF5-7 45/60/1.5	XRF255-1-1/200A/XRF5-7 45/60/1.5	XRF255-1A/200A/XRF5-7 55/84/1.5		
	32.5						
45	63	XRF215-1-1/200A/XRF5-7 37/60/1.5			XRF255-1-1/200A/XRF5-7 45/60/1.5		
	29.3						
40	56	XRF255-1-1A/200A/XRF5-6 37/60/1.5					
	26						
35	49						
	22.8						
30	42						
	19.5						
Q (m³/min)	100%	3.4	3.6	3.8	4	4.2	4.4
	150%	5.1	5.4	5.7	6	6.3	6.6

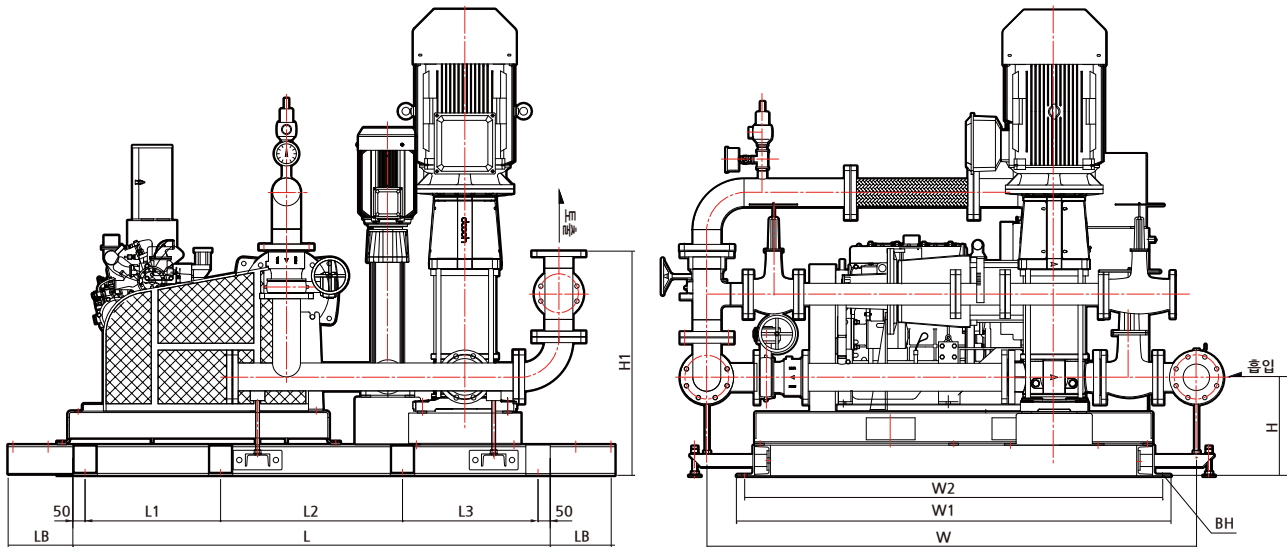
※ 선정표 확인 방법

1) H는 양정(m)이며, Q는 유량(m³/min)입니다. 2) 양정의 상단은 정격양정의 140%, 하단은 65%입니다. 3) 표안의 내용 표기는 주펌프 모델/홀-토출 배관 규정/총압펌프 모델 주-예비펌프 동력(kW,PS)/총압펌프 동력(kW)입니다.

소방 엔진 패키지 시스템 3FSTE-XRF 10 SERIES



▶ 외형도



▶ 외형치수 및 중량

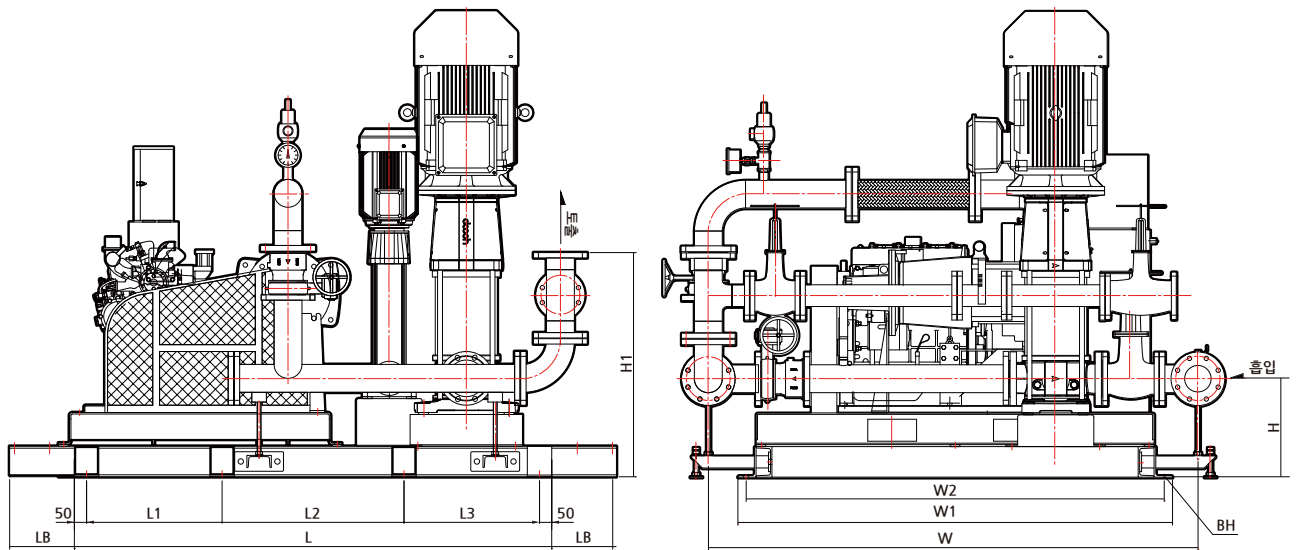
모 델 명	합류관		성능시험배관		외형치수(mm)												중 량 (kg)
	구경	압력등급	구경	압력 등급													
		흡입			토출	L	L1	L2	L3	LB	W	W1	W2	H	H1	BH	
3FSTE-XRF10-3A(1.5kW,10PS)-40A-XRF5-5(1.5kW)	DN40	PN16	PN16	DN40	PN16	1605	400	705	400	200	1627	1350	1282	351	806	8-φ22	735
3FSTE-XRF10-3A(1.5kW,10PS)-40A-XRF5-6(1.5kW)						1605	400	705	400	200	1627	1350	1282	351	806	8-φ22	735
3FSTE-XRF10-3(2.2kW,10PS)-40A-XRF5-6(1.5kW)						1605	400	705	400	200	1627	1350	1282	351	806	8-φ22	735
3FSTE-XRF10-4(2.2kW,10PS)-40A-XRF5-7(1.5kW)						1605	400	705	400	200	1627	1350	1282	351	806	8-φ22	738
3FSTE-XRF10-4(2.2kW,10PS)-40A-XRF5-9(2.2kW)						1605	400	705	400	200	1627	1350	1282	351	806	8-φ22	739
3FSTE-XRF10-5(3.7kW,10PS)-40A-XRF5-9(2.2kW)						1605	400	705	400	200	1627	1350	1282	351	806	8-φ22	745
3FSTE-XRF10-6(3.7kW,10PS)-40A-XRF5-9(2.2kW)						1605	400	705	400	200	1627	1350	1282	351	806	8-φ22	775
3FSTE-XRF10-6(3.7kW,10PS)-40A-XRF5-12(3.7kW)						1605	400	705	400	200	1627	1350	1282	351	806	8-φ22	804
3FSTE-XRF10-7(5.5kW,10PS)-40A-XRF5-12(3.7kW)						1605	400	705	400	200	1627	1350	1282	351	806	8-φ22	806
3FSTE-XRF10-8(5.5kW,10PS)-40A-XRF5-12(3.7kW)						1605	400	705	400	200	1627	1350	1282	351	806	8-φ22	832
3FSTE-XRF10-8(5.5kW,10PS)-40A-XRF5-14(3.7kW)						1605	400	705	400	200	1627	1350	1282	351	806	8-φ22	833
3FSTE-XRF10-9(5.5kW,10PS)-40A-XRF5-14(3.7kW)						1605	400	705	400	200	1627	1350	1282	351	806	8-φ22	835
3FSTE-XRF10-9(5.5kW,10PS)-40A-XRF5-16(3.7kW)						1605	400	705	400	200	1627	1350	1282	351	806	8-φ22	836
3FSTE-XRF10-10(5.5kW,10PS)-40A-XRF5-14(3.7kW)						1605	400	705	400	200	1627	1350	1282	351	806	8-φ22	837
3FSTE-XRF10-10(5.5kW,10PS)-40A-XRF5-16(3.7kW)						1605	400	705	400	200	1627	1350	1282	351	806	8-φ22	838
3FSTE-XRF10-12(7.5kW,10PS)-40A-XRF5-16(3.7kW)			PN25		PN25	1605	400	705	400	200	1627	1350	1282	351	806	8-φ22	848

※상기 명시되지 않은 모델은 본사 문의 바랍니다.

소방 엔진 패키지 시스템 3FSTE-XRF 15 SERIES



▶ 외형도

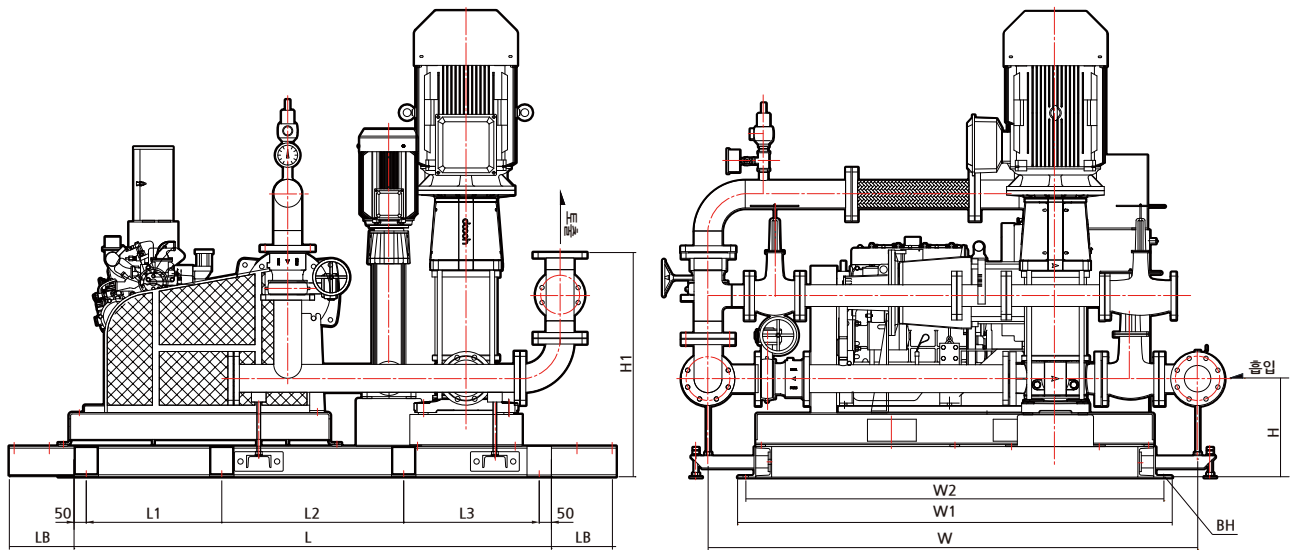


▶ 외형치수 및 중량

모 델 명	합류관			성능시험배관		외형치수(mm)										중 량 (kg)	
	구경	압력등급		구경	압력 등급	L	L1	L2	L3	LB	W	W1	W2	H	H1		BH
		흡입	토출														
3FSTE-XRF15-2(3.7kW,10PS)-50A-XRF5-5(1.5kW)	DN50	PN16	PN16	DN40	PN16	1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	780
3FSTE-XRF15-2(3.7kW,10PS)-50A-XRF5-6(1.5kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	780
3FSTE-XRF15-3A(3.7kW,10PS)-50A-XRF5-6(1.5kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	782
3FSTE-XRF15-3(3.7kW,10PS)-50A-XRF5-7(1.5kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	783
3FSTE-XRF15-4A(5.5kW,10PS)-50A-XRF5-9(2.2kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	812
3FSTE-XRF15-4(5.5kW,10PS)-50A-XRF5-9(2.2kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	812
3FSTE-XRF15-5(7.5kW,10PS)-50A-XRF5-12(3.7kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	843
3FSTE-XRF15-6A(7.5kW,10PS)-50A-XRF5-12(3.7kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	853
3FSTE-XRF15-6A(7.5kW,20PS)-50A-XRF5-12(3.7kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	1101
3FSTE-XRF15-6(7.5kW,20PS)-50A-XRF5-12(3.7kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	1101
3FSTE-XRF15-6(7.5kW,20PS)-50A-XRF5-14(3.7kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	1102
3FSTE-XRF15-7(11kW,20PS)-50A-XRF5-14(3.7kW)						2010	640	630	640	200	1666	1500	1432	363	844	8-φ22	1184
3FSTE-XRF15-8(11kW,20PS)-50A-XRF5-14(3.7kW)						2010	640	630	640	200	1666	1500	1432	363	844	8-φ22	1188
3FSTE-XRF15-8(11kW,20PS)-50A-XRF5-16(3.7kW)						2010	640	630	640	200	1666	1500	1432	363	844	8-φ22	1189
3FSTE-XRF15-9(11kW,20PS)-50A-XRF5-16(3.7kW)						2010	640	630	640	200	1666	1500	1432	363	844	8-φ22	1191

※상기 명시되지 않은 모델은 본사 문의 바랍니다.

▶ 외형도

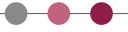


▶ 외형치수 및 중량

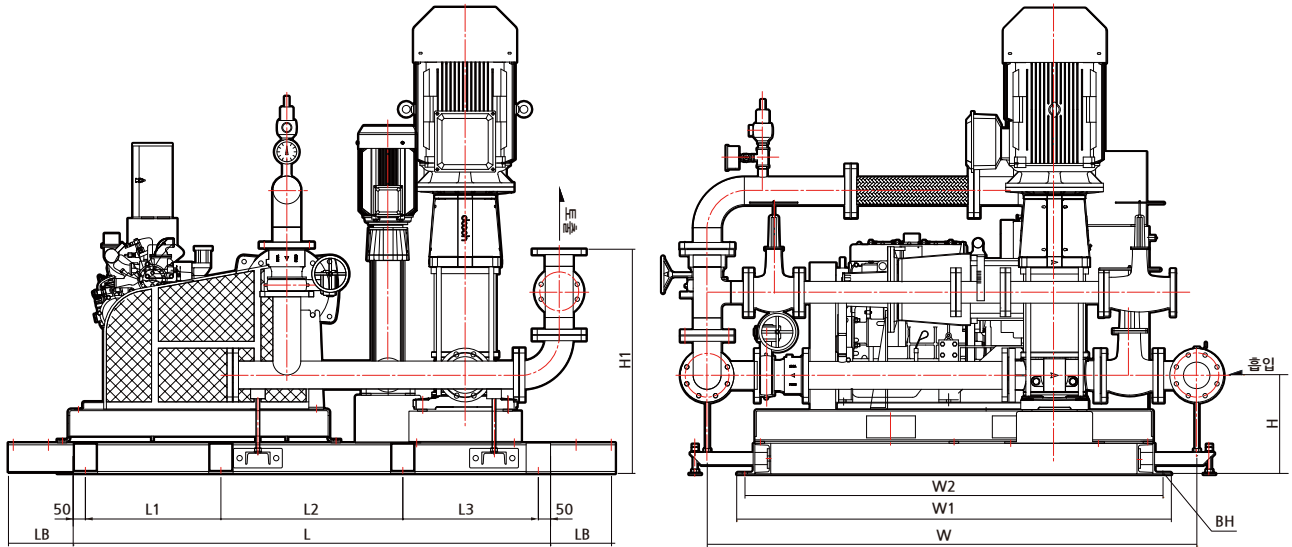
모 델 명	합류관			성능시험배관		외형치수(mm)											중 량 (kg)
	구경	압력등급		구경	압력 등급												
		흡입	토출			L	L1	L2	L3	LB	W	W1	W2	H	H1	BH	
3FSTE-XRF20-2(3.7kW,10PS)-50A-XRF5-6(1.5kW)	DN50	PN16	PN16	DN50	PN16	1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	780
3FSTE-XRF20-3A(5.5kW,10PS)-50A-XRF5-7(1.5kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	807
3FSTE-XRF20-3(5.5kW,10PS)-50A-XRF5-7(1.5kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	807
3FSTE-XRF20-3(5.5kW,10PS)-50A-XRF5-9(2.2kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	808
3FSTE-XRF20-4B(7.5kW,10PS)-50A-XRF5-9(2.2kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	812
3FSTE-XRF20-4A(7.5kW,10PS)-50A-XRF5-9(2.2kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	812
3FSTE-XRF20-4(7.5kW,10PS)-50A-XRF5-9(2.2kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	812
3FSTE-XRF20-4(7.5kW,10PS)-50A-XRF5-12(3.7kW)						1605	400	705	400	200	1571.5	1270	1202	363	844	8-φ22	841
3FSTE-XRF20-5(11kW,20PS)-50A-XRF5-12(3.7kW)						2010	640	630	640	200	1666	1500	1432	363	844	8-φ22	1177
3FSTE-XRF20-6(11kW,20PS)-50A-XRF5-12(3.7kW)						2010	640	630	640	200	1666	1500	1432	363	844	8-φ22	1181
3FSTE-XRF20-6(11kW,20PS)-50A-XRF5-14(3.7kW)						2010	640	630	640	200	1666	1500	1432	363	844	8-φ22	1182
3FSTE-XRF20-7(15kW,20PS)-50A-XRF5-14(3.7kW)						2010	640	630	640	200	1666	1500	1432	363	844	8-φ22	1184
3FSTE-XRF20-7(15kW,20PS)-50A-XRF5-16(3.7kW)						2010	640	630	640	200	1666	1500	1432	363	844	8-φ22	1185
3FSTE-XRF20-8(15kW,20PS)-50A-XRF5-16(3.7kW)			PN25			PN25	2010	640	630	640	200	1666	1500	1432	363	844	8-φ22

※상기 명시되지 않은 모델은 본사 문의 바랍니다.

소방 엔진 패키지 시스템 3FSTE-XRF 32 SERIES



▶ 외형도



▶ 외형치수 및 중량

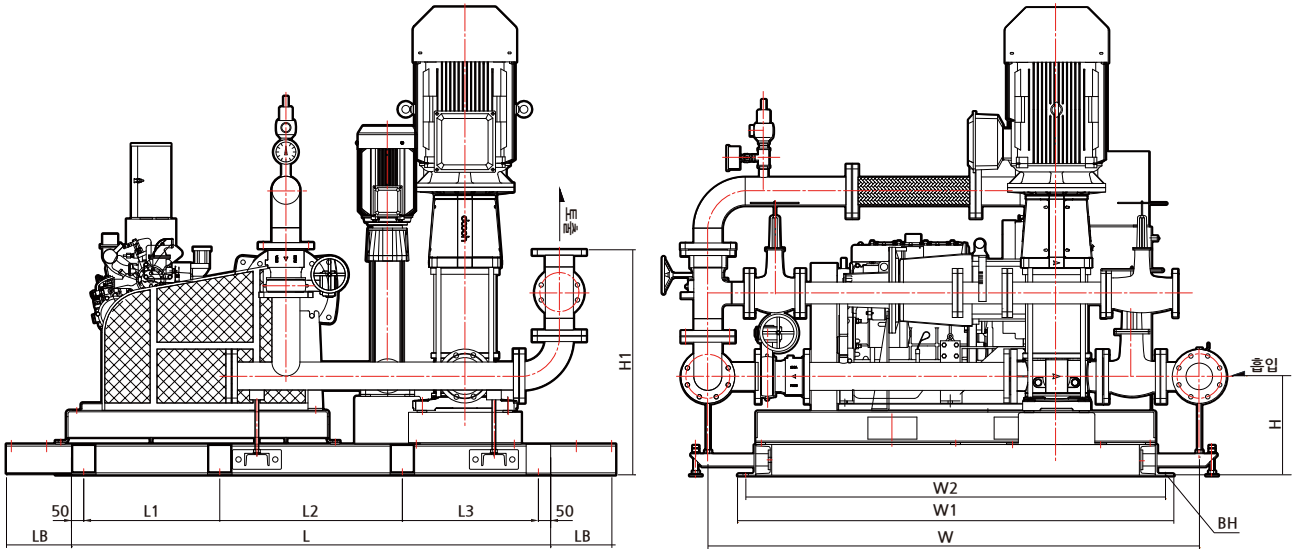
모 델 명	합류관				성능시험배관		외형치수(mm)										중 량 (kg)
	구경	압력등급		구경	압력 등급												
		흡입	토출			L	L1	L2	L3	LB	W	W1	W2	H	H1	BH	
3FSTE-XRF32-2-2A(3.7kW,10PS)-65A-XRF5-5(1.5kW)	DN65	PN16	PN16	DN50	PN16	1745	430	785	430	200	1642	1350	1282	368	859	8-φ22	894
3FSTE-XRF32-2-2A(3.7kW,10PS)-65A-XRF5-6(1.5kW)						1745	430	785	430	200	1642	1350	1282	368	859	8-φ22	894
3FSTE-XRF32-2-2(5.5kW,10PS)-65A-XRF5-6(1.5kW)						1745	430	785	430	200	1642	1350	1282	368	859	8-φ22	917
3FSTE-XRF32-2-1(5.5kW,10PS)-65A-XRF5-6(1.5kW)						1745	430	785	430	200	1642	1350	1282	368	859	8-φ22	917
3FSTE-XRF32-2(5.5kW,10PS)-65A-XRF5-7(1.5kW)						1745	430	785	430	200	1642	1350	1282	368	859	8-φ22	918
3FSTE-XRF32-3-3(7.5kW,10PS)-65A-XRF5-9(2.2kW)						1745	430	785	430	200	1642	1350	1282	368	859	8-φ22	950
3FSTE-XRF32-3-3(7.5kW,20PS)-65A-XRF5-9(2.2kW)						2100	660	680	660	200	1866	1630	1562	368	859	8-φ22	1194
3FSTE-XRF32-3-2(7.5kW,10PS)-65A-XRF5-9(2.2kW)						1745	430	785	430	200	1642	1350	1282	368	859	8-φ22	955
3FSTE-XRF32-3-2(7.5kW,20PS)-65A-XRF5-9(2.2kW)						2100	660	680	660	200	1866	1630	1562	368	859	8-φ22	1199
3FSTE-XRF32-3-1(7.5kW,20PS)-65A-XRF5-9(2.2kW)						2100	660	680	660	200	1866	1630	1562	368	859	8-φ22	1160
3FSTE-XRF32-3-1(7.5kW,20PS)-65A-XRF5-12(3.7kW)						2100	660	680	660	200	1866	1630	1562	368	859	8-φ22	1228
3FSTE-XRF32-3(11kW,20PS)-65A-XRF5-9(2.2kW)						2100	660	680	660	200	1866	1630	1562	368	859	8-φ22	1267
3FSTE-XRF32-3(11kW,20PS)-65A-XRF5-12(3.7kW)						2100	660	680	660	200	1866	1630	1562	368	859	8-φ22	1296
3FSTE-XRF32-4-2(11kW,20PS)-65A-XRF5-12(3.7kW)						2100	660	680	660	200	1866	1630	1562	368	859	8-φ22	1302
3FSTE-XRF32-4-1(11kW,20PS)-65A-XRF5-12(3.7kW)						2100	660	680	660	200	1866	1630	1562	368	859	8-φ22	1302
3FSTE-XRF32-4(11kW,20PS)-65A-XRF5-12(3.7kW)						2100	660	680	660	200	1866	1630	1562	368	859	8-φ22	1302
3FSTE-XRF32-4(11kW,27PS)-65A-XRF5-12(3.7kW)						2100	660	680	660	200	1866	1630	1562	368	859	8-φ22	1325
3FSTE-XRF32-5-2(15kW,27PS)-65A-XRF5-12(3.7kW)						2100	660	680	660	200	1866	1630	1562	368	859	8-φ22	1332
3FSTE-XRF32-5-2(15kW,27PS)-65A-XRF5-14(3.7kW)						1885	570	645	570	200	1866	1520	1452	368	859	8-φ22	1332
3FSTE-XRF32-5(15kW,27PS)-65A-XRF5-14(3.7kW)						1885	570	645	570	200	1866	1520	1452	368	859	8-φ22	1310
3FSTE-XRF32-5(15kW,27PS)-65A-XRF5-16(3.7kW)						2100	660	680	660	200	1866	1630	1562	368	859	8-φ22	1311
3FSTE-XRF32-6-2(15kW,27PS)-65A-XRF5-16(3.7kW)	PN25	PN25	PN25	PN25	1885	570	645	570	200	1866	1520	1452	368	859	8-φ22	1317	
3FSTE-XRF32-6-1(15kW,27PS)-65A-XRF5-16(3.7kW)					1885	570	645	570	200	1866	1520	1452	368	859	8-φ22	1317	
3FSTE-XRF32-6(18.5kW,27PS)-65A-XRF5-16(3.7kW)					1885	570	645	570	200	1866	1520	1452	368	859	8-φ22	1344	

※상기 명시되지 않은 모델은 본사 문의 바랍니다.

소방 엔진 패키지 시스템 3FSTE-XRF 45 SERIES



▶ 외형도



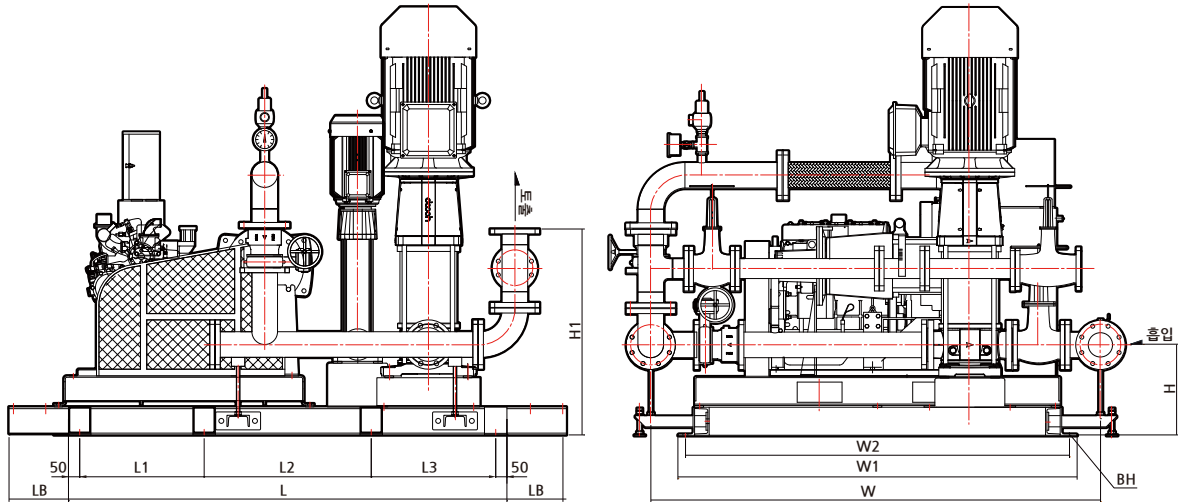
▶ 외형치수 및 중량

모 델 명	합류관			성능시험배관		외형치수(mm)											중 량 (kg)
	구경	압력등급	구경	압력 등급													
		흡입			토출	L	L1	L2	L3	LB	W	W1	W2	H	H1	BH	
3FSTE-XRF45-1(5.5kW,10PS)-80A-XRF5-5(1.5kW)	DN80	PN16	PN16	DN65	PN16	1790	440	810	440	200	1655	1350	1282	403	1002	8-φ22	1001
3FSTE-XRF45-1(5.5kW,10PS)-80A-XRF5-6(1.5kW)						1790	440	810	440	200	1655	1350	1282	403	1002	8-φ22	1001
3FSTE-XRF45-2-2C(7.5kW,10PS)-80A-XRF5-6(1.5kW)						1790	440	810	440	200	1655	1350	1282	403	1002	8-φ22	1026
3FSTE-XRF45-2-2C(7.5kW,10PS)-80A-XRF5-7(1.5kW)						1790	440	810	440	200	1655	1350	1282	403	1002	8-φ22	1027
3FSTE-XRF45-2-2B(7.5kW,20PS)-80A-XRF5-6(1.5kW)						2150	680	690	680	200	1805	1525	1457	403	1002	8-φ22	1251
3FSTE-XRF45-2-2A(7.5kW,10PS)-80A-XRF5-7(1.5kW)						1790	440	810	440	200	1655	1350	1282	403	1002	8-φ22	1027
3FSTE-XRF45-2-2A(7.5kW,20PS)-80A-XRF5-7(1.5kW)						2150	680	690	680	200	1805	1525	1457	403	1002	8-φ22	1252
3FSTE-XRF45-2-2(11kW,20PS)-80A-XRF5-7(1.5kW)						2150	680	690	680	200	1805	1525	1457	403	1002	8-φ22	1325
3FSTE-XRF45-2-2(11kW,20PS)-80A-XRF5-9(2.2kW)						2150	680	690	680	200	1805	1525	1457	403	1002	8-φ22	1326
3FSTE-XRF45-2(11kW,20PS)-80A-XRF5-9(2.2kW)						2150	680	690	680	200	1805	1525	1457	403	1002	8-φ22	1326
3FSTE-XRF45-3-3A(15kW,27PS)-80A-XRF5-9(2.2kW)						1995	630	635	630	200	1905	1700	1632	403	1002	8-φ22	1381
3FSTE-XRF45-3-3A(15kW,27PS)-80A-XRF5-12(3.7kW)						1995	630	635	630	200	1905	1700	1632	403	1002	8-φ22	1410
3FSTE-XRF45-3-3(15kW,27PS)-80A-XRF5-12(3.7kW)						1995	630	635	630	200	1905	1700	1632	403	1002	8-φ22	1410
3FSTE-XRF45-3-2(15kW,27PS)-80A-XRF5-12(3.7kW)						1995	630	635	630	200	1905	1700	1632	403	1002	8-φ22	1410
3FSTE-XRF45-3-1(15kW,27PS)-80A-XRF5-12(3.7kW)						1995	630	635	630	200	1905	1700	1632	403	1002	8-φ22	1410
3FSTE-XRF45-3(18.5kW,27PS)-80A-XRF5-12(3.7kW)						1995	630	635	630	200	1905	1700	1632	403	1002	8-φ22	1416
3FSTE-XRF45-4-4A(18.5kW,27PS)-80A-XRF5-12(3.7kW)						1995	630	635	630	200	1905	1700	1632	403	1002	8-φ22	1429
3FSTE-XRF45-4-3(18.5kW,27PS)-80A-XRF5-14(3.7kW)						1995	630	635	630	200	1905	1700	1632	403	1002	8-φ22	1430
3FSTE-XRF45-4-3(18.5kW,35PS)-80A-XRF5-14(3.7kW)						1995	630	635	630	200	1905	1700	1632	403	1002	8-φ22	1443
3FSTE-XRF45-4-3(18.5kW,35PS)-80A-XRF5-16(3.7kW)						1995	630	635	630	200	1905	1700	1632	403	1002	8-φ22	1444
3FSTE-XRF45-4-2(22kW,35PS)-80A-XRF5-14(3.7kW)						1995	630	635	630	200	1905	1700	1632	403	1002	8-φ22	1499
3FSTE-XRF45-4(22kW,35PS)-80A-XRF5-14(3.7kW)						1995	630	635	630	200	1905	1700	1632	403	1002	8-φ22	1499
3FSTE-XRF45-4(22kW,35PS)-80A-XRF5-16(3.7kW)						1995	630	635	630	200	1905	1700	1632	403	1002	8-φ22	1500
3FSTE-XRF45-5-3(30kW,35PS)-80A-XRF5-16(3.7kW)						1995	630	635	630	200	1905	1700	1632	403	1002	8-φ22	1523

※상기 명시되지 않은 모델은 본사 문의 바랍니다.

소방 엔진 패키지 시스템 3FSTE-XRF 64 SERIES

▶ 외형도



▶ 외형치수 및 중량

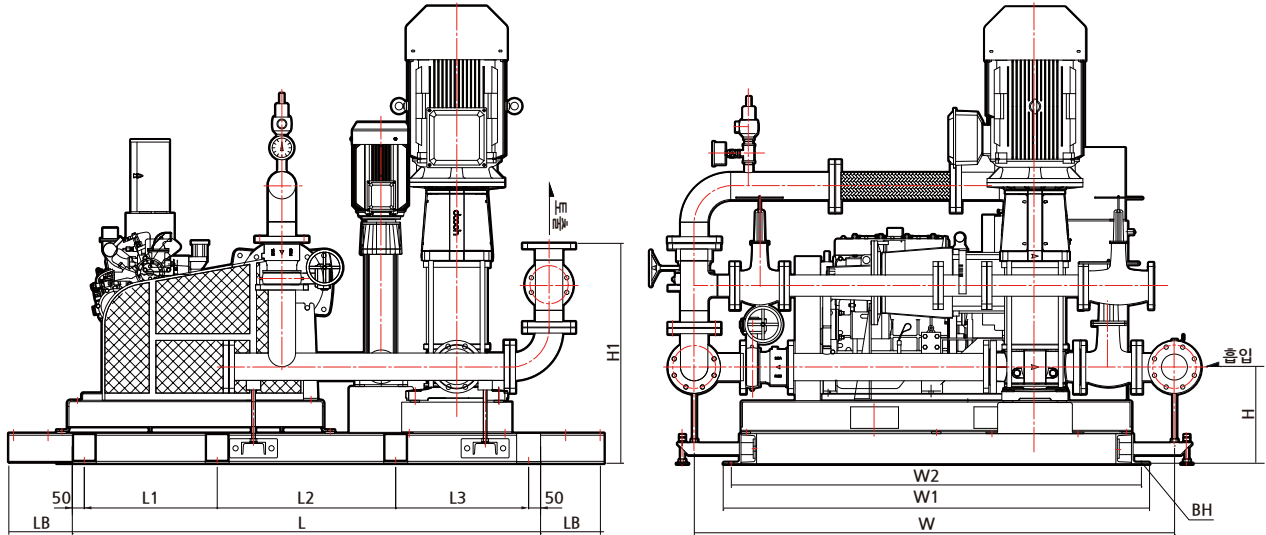
모 델 명	합류관			성능시험배관		외형치수(mm)										중 량 (kg)
	구경	압력등급		구경	압력 등급											
		흡입	토출			L	L1	L2	L3	LB	W	W1	W2	H	H1	
3FSTE-XRF64-1A(7.5kW,10PS)-100A-XRF5-5(1.5kW)	DN100	PN16	DN80	PN16	2170	680	710	680	200	1795.3	1550	1482	403	918	8-φ22	1156
3FSTE-XRF64-1(7.5kW,10PS)-100A-XRF5-6(1.5kW)					2170	680	710	680	200	1795.3	1550	1482	403	918	8-φ22	1166
3FSTE-XRF64-1(7.5kW,20PS)-100A-XRF5-6(1.5kW)					2300	730	740	730	200	1710	1370	1302	403	918	8-φ22	1312
3FSTE-XRF64-1(11kW,20PS)-100A-XRF5-6(1.5kW)					2300	730	740	730	200	1710	1370	1302	403	918	8-φ22	1380
3FSTE-XRF64-2-2B(11kW,20PS)-100A-XRF5-6(1.5kW)					2300	730	740	730	200	1710	1370	1302	403	918	8-φ22	1386
3FSTE-XRF64-2-2B(11kW,20PS)-100A-XRF5-7(1.5kW)					2300	730	740	730	200	1710	1370	1302	403	918	8-φ22	1387
3FSTE-XRF64-2-2A(11kW,20PS)-100A-XRF5-7(1.5kW)					2300	730	740	730	200	1710	1370	1302	403	918	8-φ22	1387
3FSTE-XRF64-2-2(15kW,20PS)-100A-XRF5-7(1.5kW)					2300	730	740	730	200	1710	1370	1302	403	918	8-φ22	1387
3FSTE-XRF64-2-2(15kW,27PS)-100A-XRF5-7(1.5kW)					2170	680	710	680	200	1795.3	1550	1482	403	918	8-φ22	1446
3FSTE-XRF64-2-1(15kW,20PS)-100A-XRF5-9(2.2kW)					2300	730	740	730	200	1710	1370	1302	403	918	8-φ22	1388
3FSTE-XRF64-2-1(15kW,27PS)-100A-XRF5-9(2.2kW)					2170	680	710	680	200	1795.3	1550	1482	403	918	8-φ22	1448
3FSTE-XRF64-2(18.5kW,27PS)-100A-XRF5-9(2.2kW)					2170	680	710	680	200	1795.3	1550	1482	403	918	8-φ22	1454
3FSTE-XRF64-3-3(18.5kW,27PS)-100A-XRF5-9(2.2kW)					2170	680	710	680	200	1795.3	1550	1482	403	918	8-φ22	1465
3FSTE-XRF64-3-3(18.5kW,27PS)-100A-XRF5-12(3.7kW)					2170	680	710	680	200	1795.3	1550	1482	403	918	8-φ22	1494
3FSTE-XRF64-3-3(18.5kW,35PS)-100A-XRF5-12(3.7kW)					2170	680	710	680	200	1795.3	1550	1482	403	918	8-φ22	1507
3FSTE-XRF64-3-2(22kW,35PS)-100A-XRF5-12(3.7kW)					2170	680	710	680	200	1795.3	1550	1482	403	918	8-φ22	1559
3FSTE-XRF64-3-1(22kW,35PS)-100A-XRF5-12(3.7kW)					2170	680	710	680	200	1795.3	1550	1482	403	918	8-φ22	1559
3FSTE-XRF64-3(30kW,35PS)-100A-XRF5-12(3.7kW)					2170	680	710	680	200	1795.3	1550	1482	403	918	8-φ22	1578
3FSTE-XRF64-3(30kW,35PS)-100A-XRF5-14(3.7kW)					2170	680	710	680	200	1795.3	1550	1482	403	918	8-φ22	1579
3FSTE-XRF64-3(30kW,46PS)-100A-XRF5-12(3.7kW)					2170	690	690	690	200	1970.3	1800	1732	403	918	8-φ22	1714
3FSTE-XRF64-3(30kW,46PS)-100A-XRF5-14(3.7kW)					2170	690	690	690	200	1970.3	1800	1732	403	918	8-φ22	1715
3FSTE-XRF64-4-2(30kW,46PS)-100A-XRF5-14(3.7kW)	2170	690	690	690	200	1970.3	1800	1732	403	918	8-φ22	1745				
3FSTE-XRF64-4-2(30kW,46PS)-100A-XRF5-16(3.7kW)	2170	690	690	690	200	1970.3	1800	1732	403	918	8-φ22	1746				
3FSTE-XRF64-4-1A(30kW,46PS)-100A-XRF5-14(3.7kW)	2170	690	690	690	200	1970.3	1800	1732	403	918	8-φ22	1745				
3FSTE-XRF64-4-1A(30kW,46PS)-100A-XRF5-16(3.7kW)	2170	690	690	690	200	1970.3	1800	1732	403	918	8-φ22	1746				
3FSTE-XRF64-4-1(30kW,46PS)-100A-XRF5-16(3.7kW)	2170	690	690	690	200	1970.3	1800	1732	403	918	8-φ22	1746				
3FSTE-XRF64-4(37kW,46PS)-100A-XRF5-16(3.7kW)		PN25		PN25	2170	690	690	690	200	1970.3	1800	1732	403	918	8-φ22	1880

※상기 명시되지 않은 모델은 본사 문의 바랍니다.

소방 엔진 패키지 시스템 3FSTE-XRF 95 SERIES



▶ 외형도



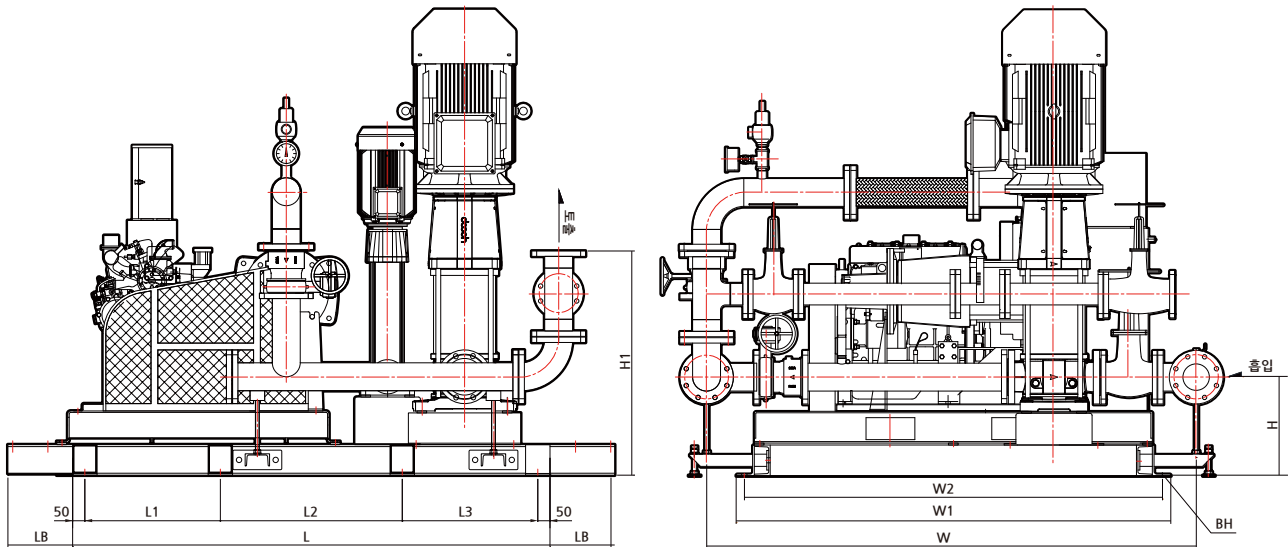
▶ 외형치수 및 중량

모 델 명	합류관			성능시험배관		외형치수(mm)											중 량 (kg)
	구경	압력등급		구경	압력 등급												
		흡입	토출			L	L1	L2	L3	LB	W	W1	W2	H	H1	BH	
3FSTE-XRF95-1A(11kW,20PS)-100A-XRF5-5(1.5kW)	DN100	PN16	DN80	PN16	2305	735	735	735	200	1775.3	1435	1367	403	918	8-φ22	1458	
3FSTE-XRF95-1A(11kW,20PS)-100A-XRF5-6(1.5kW)					2305	735	735	735	200	1775.3	1435	1367	403	918	8-φ22	1458	
3FSTE-XRF95-1(15kW,20PS)-100A-XRF5-6(1.5kW)					2305	735	735	735	200	1775.3	1435	1367	403	918	8-φ22	1458	
3FSTE-XRF95-2-2B(15kW,27PS)-100A-XRF5-7(1.5kW)					2170	600	870	600	200	1775.3	1550	1482	403	918	8-φ22	1506	
3FSTE-XRF95-2-2A(18.5kW,27PS)-100A-XRF5-7(1.5kW)					2170	600	870	600	200	1775.3	1550	1482	403	918	8-φ22	1512	
3FSTE-XRF95-2-2A(18.5kW,27PS)-100A-XRF5-9(2.2kW)					2170	600	870	600	200	1775.3	1550	1482	403	918	8-φ22	1513	
3FSTE-XRF95-2-2(18.5kW,27PS)-100A-XRF5-9(2.2kW)					2170	600	870	600	200	1775.3	1550	1482	403	918	8-φ22	1513	
3FSTE-XRF95-2-1A(22kW,27PS)-100A-XRF5-9(2.2kW)					2170	600	870	600	200	1775.3	1550	1482	403	918	8-φ22	1565	
3FSTE-XRF95-2-1(22kW,35PS)-100A-XRF5-9(2.2kW)					2170	600	870	600	200	1775.3	1550	1482	403	918	8-φ22	1578	
3FSTE-XRF95-2-1(22kW,35PS)-100A-XRF5-12(3.7kW)					2170	600	870	600	200	1775.3	1550	1482	403	918	8-φ22	1607	
3FSTE-XRF95-2(30kW,46PS)-100A-XRF5-9(2.2kW)					2150	600	850	600	200	2050.3	1850	1782	403	918	8-φ22	1767	
3FSTE-XRF95-2(30kW,46PS)-100A-XRF5-12(3.7kW)					2150	600	850	600	200	2050.3	1850	1782	403	918	8-φ22	1796	
3FSTE-XRF95-3-2(30kW,46PS)-100A-XRF5-12(3.7kW)					2150	600	850	600	200	2050.3	1850	1782	403	918	8-φ22	1818	
3FSTE-XRF95-3-2(30kW,46PS)-100A-XRF5-14(3.7kW)					2150	600	850	600	200	2050.3	1850	1782	403	918	8-φ22	1819	
3FSTE-XRF95-3-1A(37kW,60PS)-100A-XRF5-12(3.7kW)					2150	600	850	600	200	2050.3	1850	1782	403	918	8-φ22	1898	
3FSTE-XRF95-3-1(37kW,60PS)-100A-XRF5-12(3.7kW)					2150	600	850	600	200	2050.3	1850	1782	403	918	8-φ22	1898	
3FSTE-XRF95-3-1(37kW,46PS)-100A-XRF5-14(3.7kW)					2150	600	850	600	200	2050.3	1850	1782	403	918	8-φ22	1886	
3FSTE-XRF95-3-1(37kW,60PS)-100A-XRF5-14(3.7kW)					2150	600	850	600	200	2050.3	1850	1782	403	918	8-φ22	1899	
3FSTE-XRF95-3A(37kW,60PS)-100A-XRF5-14(3.7kW)					2150	600	850	600	200	2050.3	1850	1782	403	918	8-φ22	1899	
3FSTE-XRF95-3(37kW,60PS)-100A-XRF5-14(3.7kW)					2150	600	850	600	200	2050.3	1850	1782	403	918	8-φ22	1905	
3FSTE-XRF95-3(37kW,60PS)-100A-XRF5-16(3.7kW)					2150	600	850	600	200	2050.3	1850	1782	403	918	8-φ22	1906	
3FSTE-XRF95-4-2(45kW,60PS)-100A-XRF5-14(3.7kW)					2150	600	850	600	200	2050.3	1850	1782	403	918	8-φ22	1920	
3FSTE-XRF95-4-2(45kW,60PS)-100A-XRF5-16(3.7kW)					2150	600	850	600	200	2050.3	1850	1782	403	918	8-φ22	1921	
3FSTE-XRF95-4-1(55kW,60PS)-100A-XRF5-16(3.7kW)		PN25		PN25	2150	600	850	600	200	2050.3	1850	1782	403	918	8-φ22	2091	
3FSTE-XRF95-4-1(55kW,84PS)-100A-XRF5-16(3.7kW)					2150	600	850	600	200	2050.3	1850	1782	403	918	8-φ22	2181	

※상기 명시되지 않은 모델은 본사 문의 바랍니다.

소방 엔진 패키지 시스템 3FSTE-XRF 125 SERIES

▶ 외형도



▶ 외형치수 및 중량

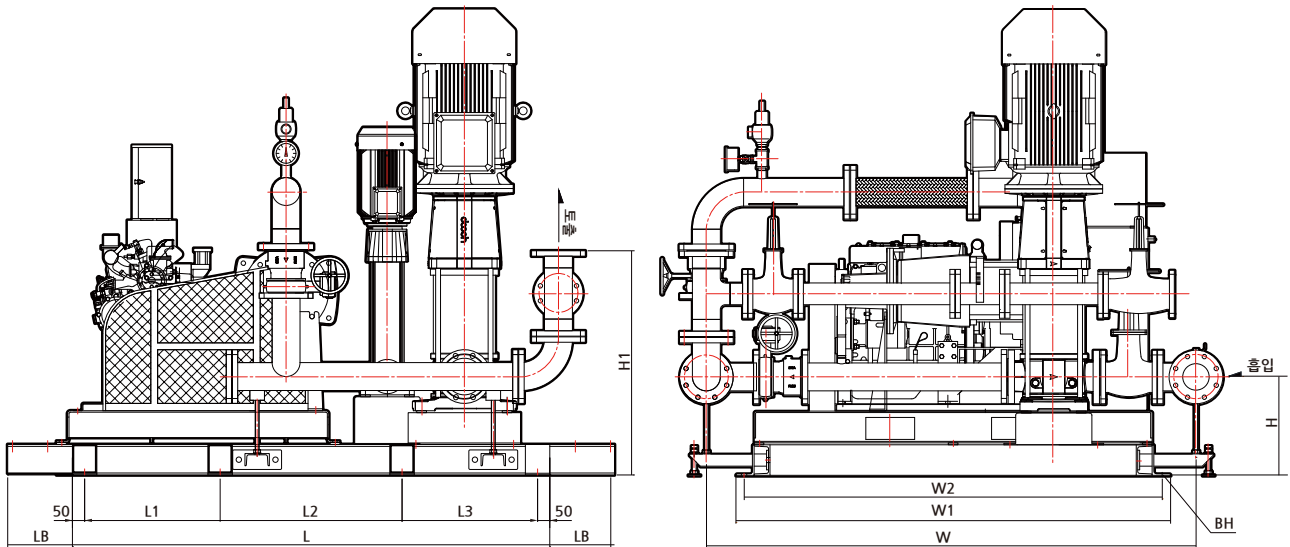
모 델 명	합류관			성능시험배관		외형치수(mm)											중 량 (kg)
	구경	압력등급		구경	압력 등급												
		흡입	토출			L	L1	L2	L3	LB	W	W1	W2	H	H1	BH	
3FSTE-XRF125-1-1A(11kW,20PS)-150A-XRF5-5(1.5kW)	DN150	PN16	PN16	DN125	PN16	2530	750	930	750	200	1972.2	1500	1432	469	1136.4	8-φ22	1930
3FSTE-XRF125-1A(15kW,27PS)-150A-XRF5-6(1.5kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2056
3FSTE-XRF125-1(18.5kW,27PS)-150A-XRF5-6(1.5kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2062
3FSTE-XRF125-1(18.5kW,27PS)-150A-XRF5-7(1.5kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2063
3FSTE-XRF125-2-2B(22kW,27PS)-150A-XRF5-7(1.5kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2164
3FSTE-XRF125-2-2A(22kW,35PS)-150A-XRF5-9(2.2kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2178
3FSTE-XRF125-2-1A(30kW,35PS)-150A-XRF5-9(2.2kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2210
3FSTE-XRF125-2-1(30kW,46PS)-150A-XRF5-9(2.2kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2330
3FSTE-XRF125-2-1(30kW,46PS)-150A-XRF5-12(3.7kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2359
3FSTE-XRF125-2(37kW,60PS)-150A-XRF5-12(3.7kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2439
3FSTE-XRF125-3-3(37kW,60PS)-150A-XRF5-12(3.7kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2493
3FSTE-XRF125-3-2(45kW,60PS)-150A-XRF5-12(3.7kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2493
3FSTE-XRF125-3-2(45kW,60PS)-150A-XRF5-14(3.7kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2494
3FSTE-XRF125-3-1(45kW,60PS)-150A-XRF5-14(3.7kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2494
3FSTE-XRF125-3(55kW,84PS)-150A-XRF5-14(3.7kW)						2405	650	1005	650	200	2357.3	1900	1832	469	1136.4	8-φ22	2720
3FSTE-XRF125-3(55kW,84PS)-150A-XRF5-16(3.7kW)						2405	650	1005	650	200	2357.3	1900	1832	469	1136.4	8-φ22	2721
3FSTE-XRF125-4-3(55kW,84PS)-150A-XRF5-16(3.7kW)						2405	650	1005	650	200	2357.3	1900	1832	469	1136.4	8-φ22	2749
3FSTE-XRF125-4(75kW,84PS)-150A-XRF5-16(3.7kW)					PN25		PN25	2405	650	1005	650	200	2357.3	1900	1832	469	1136.4

※상기 명시되지 않은 모델은 본사 문의 바랍니다.

소방 엔진 패키지 시스템 3FSTE-XRF 155 SERIES



▶ 외형도



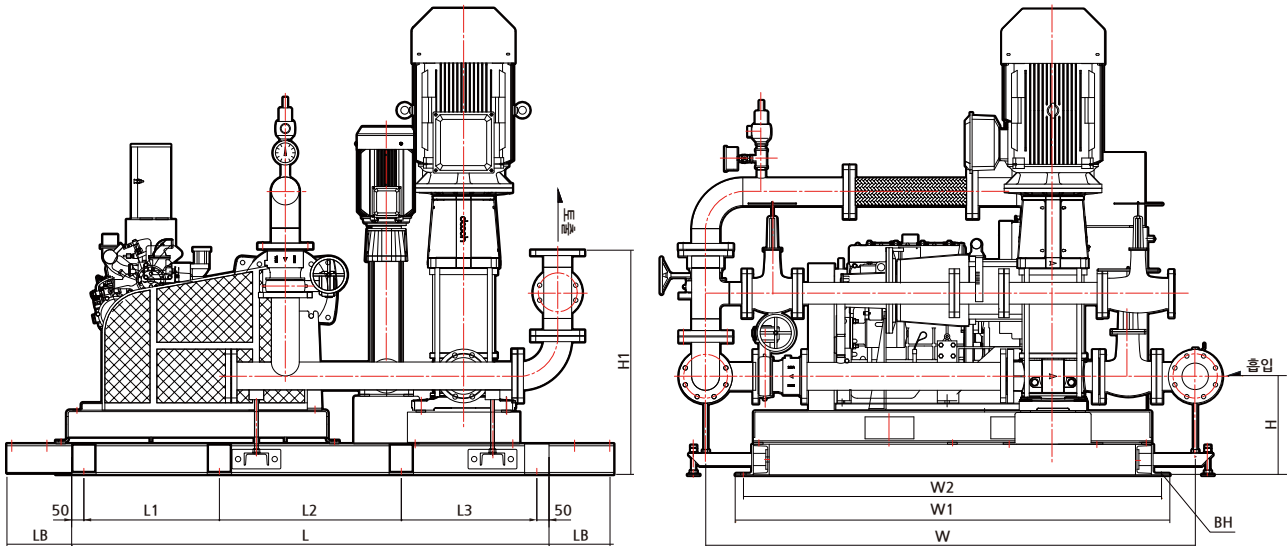
▶ 외형치수 및 중량

모 델 명	합류관			성능시험배관		외형치수(mm)											중 량 (kg)
	구경	압력등급		구경	압력 등급												
		흡입	토출			L	L1	L2	L3	LB	W	W1	W2	H	H1	BH	
3FSTE-XRF155-1-1A(15kW,27PS)-150A-XRF5-5(1.5kW)	DN150	PN16	PN16	DN125	PN16	2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2016
3FSTE-XRF155-1-1(18.5kW,27PS)-150A-XRF5-6(1.5kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2062
3FSTE-XRF155-1A(22kW,35PS)-150A-XRF5-6(1.5kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2127
3FSTE-XRF155-1A(22kW,35PS)-150A-XRF5-7(1.5kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2128
3FSTE-XRF155-1(30kW,35PS)-150A-XRF5-7(1.5kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2170
3FSTE-XRF155-1(30kW,46PS)-150A-XRF5-7(1.5kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2292
3FSTE-XRF155-2-2B(30kW,46PS)-150A-XRF5-9(2.2kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2330
3FSTE-XRF155-2-2A(37kW,46PS)-150A-XRF5-9(2.2kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2397
3FSTE-XRF155-2-2(37kW,60PS)-150A-XRF5-9(2.2kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2410
3FSTE-XRF155-2-2(37kW,60PS)-150A-XRF5-12(3.7kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2439
3FSTE-XRF155-2-1A(45kW,60PS)-150A-XRF5-9(2.2kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2407
3FSTE-XRF155-2-1(45kW,60PS)-150A-XRF5-12(3.7kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2436
3FSTE-XRF155-2A(45kW,60PS)-150A-XRF5-12(3.7kW)						2405	650	1005	650	200	2197.3	1900	1832	469	1136.4	8-φ22	2436
3FSTE-XRF155-2A(45kW,84PS)-150A-XRF5-12(3.7kW)						2405	650	1005	650	200	2357.3	1900	1832	469	1136.4	8-φ22	2540
3FSTE-XRF155-2(55kW,84PS)-150A-XRF5-12(3.7kW)						2405	650	1005	650	200	2357.3	1900	1832	469	1136.4	8-φ22	2663
3FSTE-XRF155-3-3(55kW,84PS)-150A-XRF5-12(3.7kW)						2405	650	1005	650	200	2357.3	1900	1832	469	1136.4	8-φ22	2720
3FSTE-XRF155-3-3(55kW,84PS)-150A-XRF5-14(3.7kW)						2405	650	1005	650	200	2357.3	1900	1832	469	1136.4	8-φ22	2721
3FSTE-XRF155-3-2(75kW,84PS)-150A-XRF5-14(3.7kW)						2405	650	1005	650	200	2357.3	1900	1832	469	1136.4	8-φ22	2893
3FSTE-XRF155-3-1(75kW,84PS)-150A-XRF5-14(3.7kW)						2405	650	1005	650	200	2357.3	1900	1832	469	1136.4	8-φ22	2893
3FSTE-XRF155-3(75kW,122PS)-150A-XRF5-14(3.7kW)						2850	900	950	900	200	2237.2	1800	1732	469	1136.4	8-φ22	3133
3FSTE-XRF155-3(75kW,122PS)-150A-XRF5-16(3.7kW)						2850	900	950	900	200	2237.2	1800	1732	469	1136.4	8-φ22	3134

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소방 엔진 패키지 시스템 3FSTE-XRF 185 SERIES

▶ 외형도



▶ 외형치수 및 중량

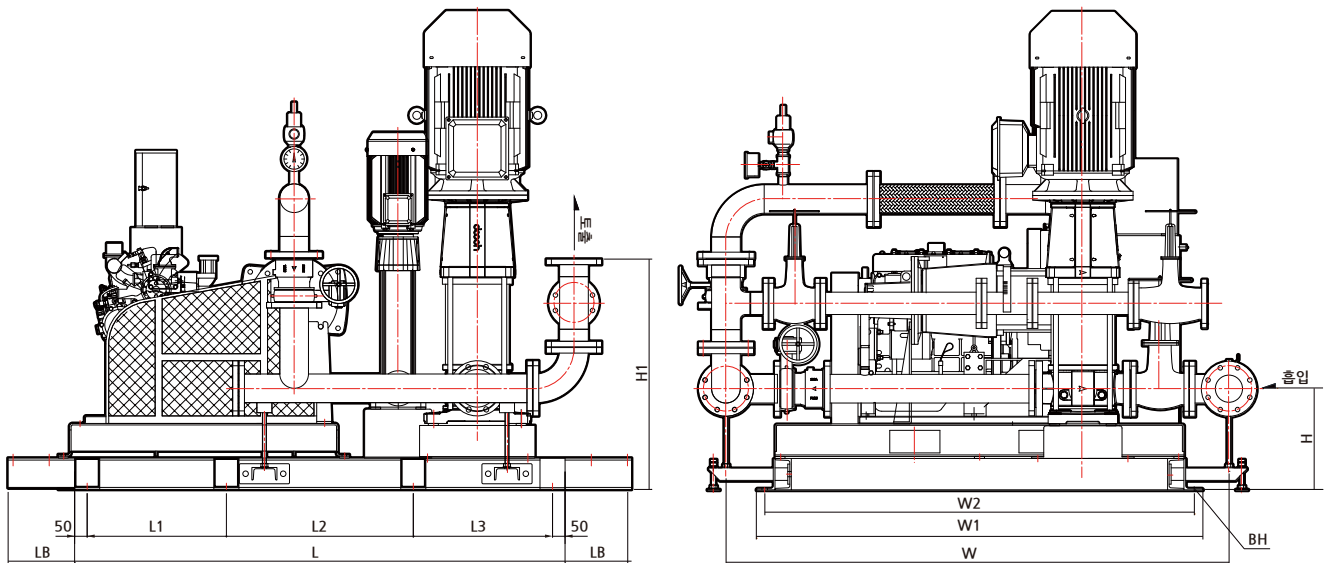
모 델 명	합류관			성능시험배관		외형치수(mm)											중 량 (kg)
	구경	압력등급		구경	압력 등급	L	L1	L2	L3	LB	W	W1	W2	H	H1	BH	
		흡입	토출														
3FSTE-XRF185-1-1C(18.5kW,27PS)-200A-XRF5-5(1.5kW)	DN200	PN16	PN16	DN150	PN16	2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2667
3FSTE-XRF185-1-1B(22kW,35PS)-200A-XRF5-6(1.5kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2746
3FSTE-XRF185-1-1(30kW,46PS)-200A-XRF5-7(1.5kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2882
3FSTE-XRF185-1-1(30kW,60PS)-200A-XRF5-7(1.5kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2895
3FSTE-XRF185-1(37kW,46PS)-200A-XRF5-9(2.2kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2950
3FSTE-XRF185-1(37kW,60PS)-200A-XRF5-7(1.5kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2962
3FSTE-XRF185-1(37kW,60PS)-200A-XRF5-9(2.2kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2963
3FSTE-XRF185-2-2D(45kW,60PS)-200A-XRF5-9(2.2kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3057
3FSTE-XRF185-2-2D(45kW,60PS)-200A-XRF5-12(3.7kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3086
3FSTE-XRF185-2-2C(45kW,60PS)-200A-XRF5-12(3.7kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3086
3FSTE-XRF185-2-2C(45kW,84PS)-200A-XRF5-12(3.7kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3174
3FSTE-XRF185-2-2B(55kW,60PS)-200A-XRF5-12(3.7kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3200
3FSTE-XRF185-2-2A(55kW,84PS)-200A-XRF5-12(3.7kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3288
3FSTE-XRF185-2-2(55kW,84PS)-200A-XRF5-12(3.7kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3288
3FSTE-XRF185-2-1(75kW,84PS)-200A-XRF5-12(3.7kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3448
3FSTE-XRF185-2-1(75kW,84PS)-200A-XRF5-14(3.7kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3449
3FSTE-XRF185-2-1(75kW,122PS)-200A-XRF5-12(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	3782
3FSTE-XRF185-2-1(75kW,122PS)-200A-XRF5-14(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	3783
3FSTE-XRF185-2(75kW,122PS)-200A-XRF5-12(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	3782
3FSTE-XRF185-2(75kW,122PS)-200A-XRF5-14(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	3783
3FSTE-XRF185-3-3A(75kW,122PS)-200A-XRF5-14(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	3807
3FSTE-XRF185-3-3A(75kW,122PS)-200A-XRF5-16(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	3808
3FSTE-XRF185-3-3(90kW,122PS)-200A-XRF5-16(3.7kW)			PN25		PN25	3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	4017

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소방 엔진 패키지 시스템 3FSTE-XRF 215 SERIES



▶ 외형도



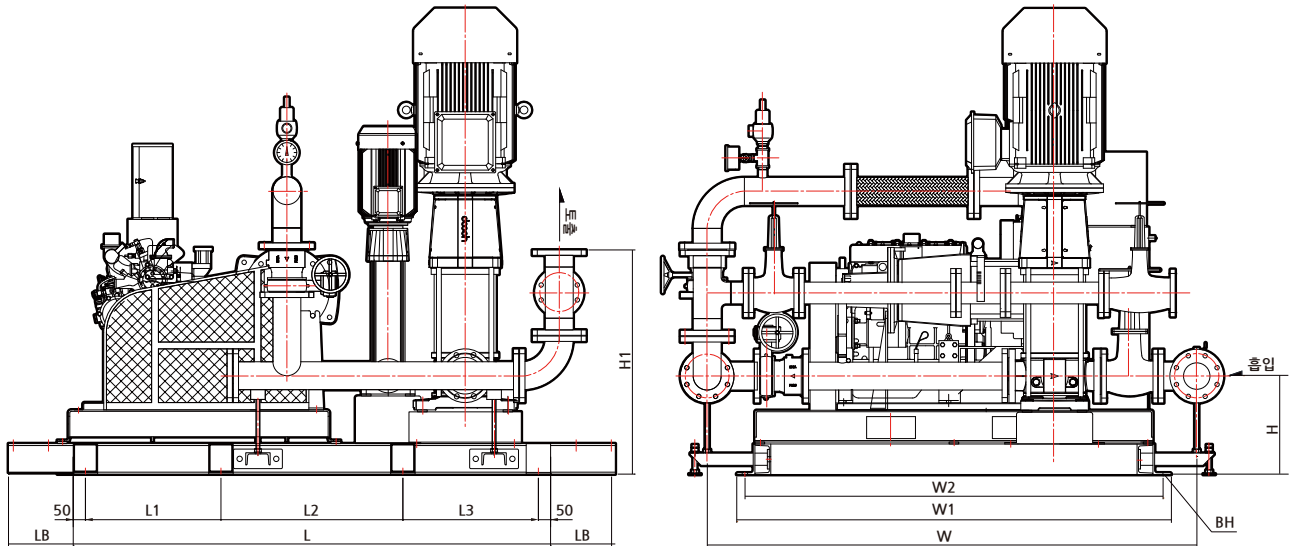
▶ 외형치수 및 중량

모 델 명	합류관		성능시험배관		외형치수(mm)											중 량 (kg)
	구경	압력등급	구경	압력 등급	L	L1	L2	L3	LB	W	W1	W2	H	H1	BH	
		흡입														
3FSTE-XRF215-1-1C(22kW,35PS)-200A-XRF5-5(1.5kW)	DN200	PN16	DN150	PN16	2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2746
3FSTE-XRF215-1-1B(30kW,35PS)-200A-XRF5-6(1.5kW)					2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2761
3FSTE-XRF215-1-1B(30kW,46PS)-200A-XRF5-6(1.5kW)					2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2881
3FSTE-XRF215-1-1A(30kW,46PS)-200A-XRF5-6(1.5kW)					2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2881
3FSTE-XRF215-1-1(37kW,60PS)-200A-XRF5-7(1.5kW)					2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2953
3FSTE-XRF215-1B(45kW,60PS)-200A-XRF5-7(1.5kW)					2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2966
3FSTE-XRF215-1A(45kW,60PS)-200A-XRF5-9(2.2kW)					2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2967
3FSTE-XRF215-1(55kW,60PS)-200A-XRF5-9(2.2kW)					2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3099
3FSTE-XRF215-1(55kW,84PS)-200A-XRF5-9(2.2kW)					2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3187
3FSTE-XRF215-2-2(75kW,84PS)-200A-XRF5-12(3.7kW)					2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3448
3FSTE-XRF215-2-1A(75kW,122PS)-200A-XRF5-12(3.7kW)					3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	3782
3FSTE-XRF215-2-1(90kW,122PS)-200A-XRF5-14(3.7kW)					3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	3843
3FSTE-XRF215-2(110kW,170PS)-200A-XRF5-14(3.7kW)					3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	4125
3FSTE-XRF215-2(110kW,170PS)-200A-XRF5-16(3.7kW)					3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	4126
3FSTE-XRF215-3-2A(110kW,170PS)-200A-XRF5-16(3.7kW)				PN25		PN25	3190	1030	1030	1030	200	2501	2080	2000	534	1347

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소방 엔진 패키지 시스템 3FSTE-XRF 255 SERIES

▶ 외형도



▶ 외형치수 및 중량

모 델 명	합류관				성능시험배관		외형치수(mm)										중 량 (kg)
	구경	압력등급		구경	압력 등급												
		흡입	토출			L	L1	L2	L3	LB	W	W1	W2	H	H1	BH	
3FSTE-XRF255-1-1A(37kW,60PS)-200A-XRF5-6(1.5kW)	DN200	PN16	PN16	DN150	PN16	2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2965
3FSTE-XRF255-1-1(45kW,60PS)-200A-XRF5-7(1.5kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2966
3FSTE-XRF255-1-1(45kW,60PS)-200A-XRF5-9(2.2kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	2967
3FSTE-XRF255-1A(55kW,84PS)-200A-XRF5-7(1.5kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3186
3FSTE-XRF255-1A(55kW,84PS)-200A-XRF5-9(2.2kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3187
3FSTE-XRF255-1(75kW,84PS)-200A-XRF5-9(2.2kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3347
3FSTE-XRF255-1(75kW,122PS)-200A-XRF5-9(2.2kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3637
3FSTE-XRF255-2-2D(55kW,84PS)-200A-XRF5-12(3.7kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3288
3FSTE-XRF255-2-2C(75kW,84PS)-200A-XRF5-12(3.7kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3448
3FSTE-XRF255-2-2B(75kW,84PS)-200A-XRF5-12(3.7kW)						2705	680	1095	830	200	2376	1930	1850	534	1347	8-φ22	3448
3FSTE-XRF255-2-2B(75kW,122PS)-200A-XRF5-12(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	3782
3FSTE-XRF255-2-2A(75kW,122PS)-200A-XRF5-12(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	3782
3FSTE-XRF255-2-2(90kW,122PS)-200A-XRF5-12(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	3842
3FSTE-XRF255-2-2(90kW,122PS)-200A-XRF5-14(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	3843
3FSTE-XRF255-2-1(110kW,170PS)-200A-XRF5-12(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	4124
3FSTE-XRF255-2-1(110kW,170PS)-200A-XRF5-14(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	4125
3FSTE-XRF255-2A(110kW,170PS)-200A-XRF5-14(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	4125
3FSTE-XRF255-2A(110kW,170PS)-200A-XRF5-16(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	4126
3FSTE-XRF255-2(132kW,170PS)-200A-XRF5-14(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	4265
3FSTE-XRF255-2(132kW,170PS)-200A-XRF5-16(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	4266
3FSTE-XRF255-2(132kW,183PS)-200A-XRF5-16(3.7kW)						3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	4266
3FSTE-XRF255-3-3(132kW,183PS)-200A-XRF5-16(3.7kW)		PN25		PN25	3190	1030	1030	1030	200	2501	2080	2000	534	1347	8-φ22	4445	
3FSTE-XRF255-3-2(160kW,204PS)-200A-XRF5-16(3.7kW)					3360	1100	1060	1100	200	2501	1930	1850	534	1347	8-φ22	4668	

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